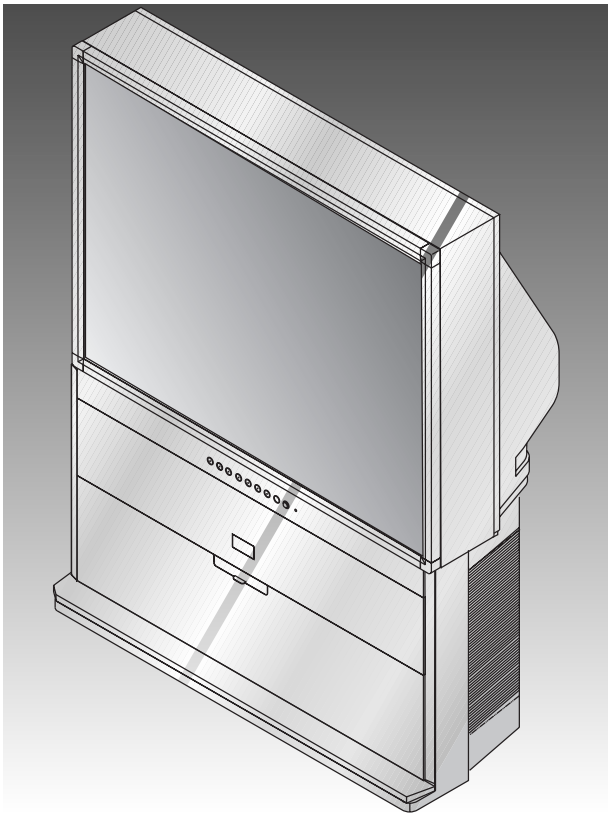
SAMSUNG

PROJECTION TV RECEIVER

Chassis : **J54A(P)**
Model: **SP42W4HPX/XEF**
SP43T6HPX/SMA
SP54T6HPX/XST
SP43T8HPX/XEC
SP43T7HPX/BWT

SERVICE Manual

PROJECTION TV RECEIVER



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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

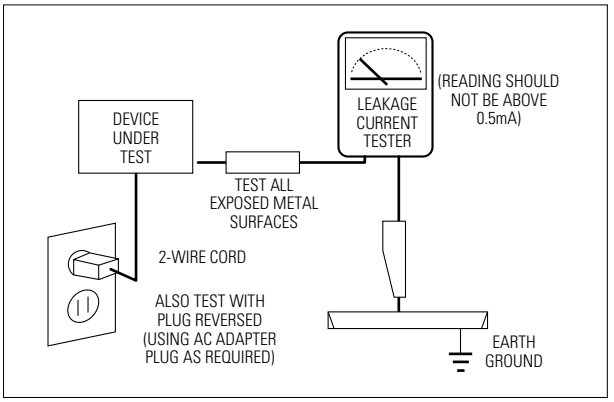

DEVICE UNDER TEST
LEAKAGE CURRENT TESTER
(READING SHOULD NOT BE ABOVE 0.5mA)
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the X–ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (⚡) or (⚠).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning 1 : First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.
Warning 2 : An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

9. When some parts inside the optical engine (except lamp) are damaged, replace the whole optical engine.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	µA	Microampere
		µF	Microfarad
°C	Degree Celsius	µH	Microhenry
°F	Degree Fahrenheit	µm	Micrometer
°K	degree Kelvin	µs	Microsecond
F	Farad	µW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

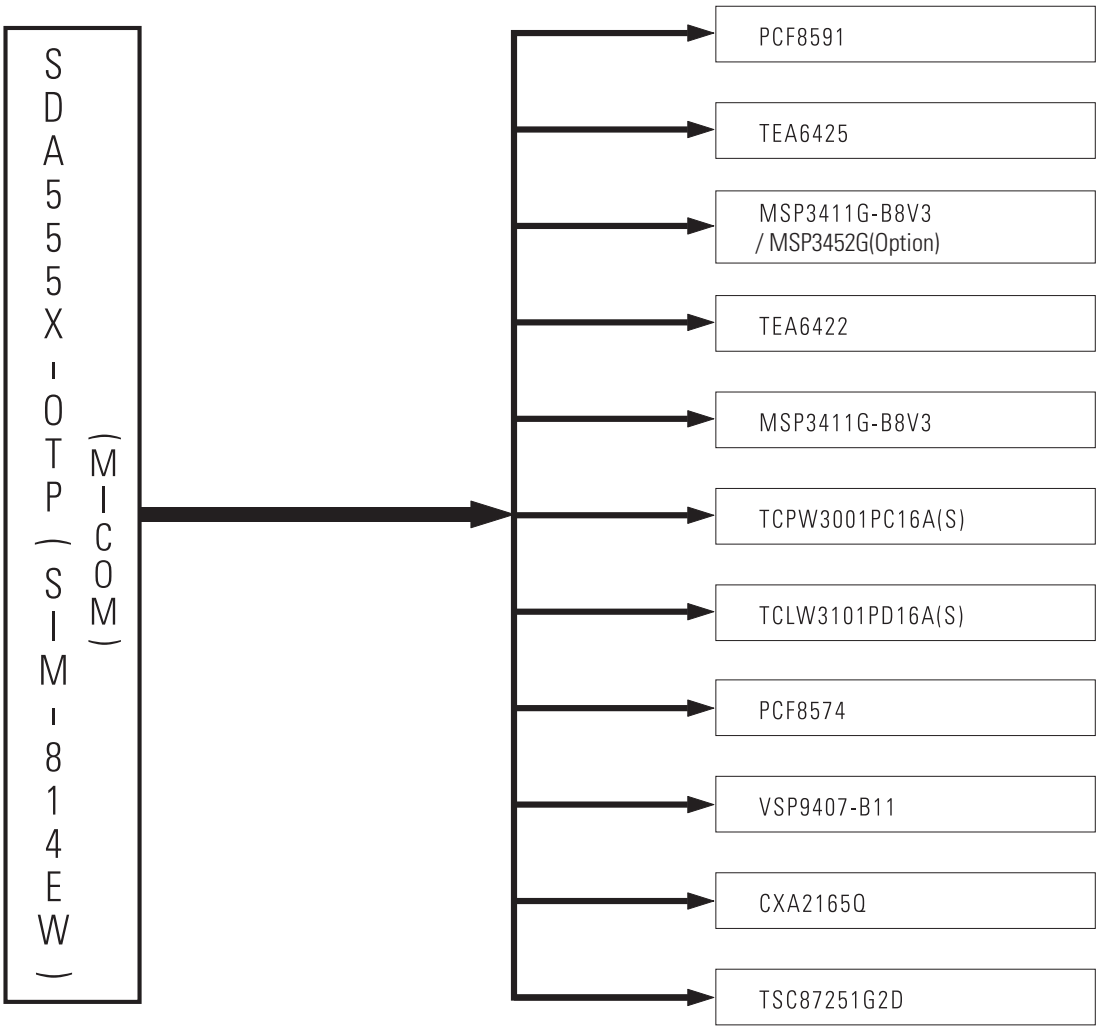
ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 IC Line Up

Table 2 - 3 IC Line - Up			
No.	Block Name	IC Location	IC Name
1	MAIN	IC703	TEA5114A
		IC802	7905
		IC101	PCF8574
		IC701	TEA6425D
		IC702	TEA6425D
		IC605	TEA6422D
		IC704	PCF8591T
		IC705	PCF8591T
		IC602	MSP3411G-QA-B8V3/MSP3452G(Option)
2	SCALER MODULE	IC13	74HC123
		IC06	7027
		IC05	LF18CDT
		IC11	78RM33D
		IC01A	VSP9407B-B11
		IC04	CXA2165Q
3	CG MODULE	IC08	74HC4052
		IC13	NC7SB3157P6X
		IC05	24C64
		IC07	EL2250CS
		C03	7042
		IC02	78RM33D
		IC17	TLC2932IPWLE
		IC06	TSC87251G2D-OTP
		IC01	SDC12
		IC09, IC10, IC11,IC14	TL072C
		IC12	KA324D
		IC04, IC15, IC16	7S04

Table 2 - 3 IC Line - Up (Continued)			
No.	Block Name	IC Location	IC Name
4	MICOM MODULE	IC902	24C16
		IC903	78RM33D
		IC901	SDA5550M
		IC904	7025
		IC905	M27W201-80F6
5	SUB	IC431, IC471	MC4558C
		IC841	78R05
		IC851	SE110N
		ICS801	VIPER12A
		IC402	DDRI1001
		ICZ03, ICZ04	STK392-010
		IC831S	STR-X6459A
		IC301	LA7845

2-3 MICOM IIC BUS LINE -UP



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3. Specifications

<table>
<tr><td rowspan="2">Broadcasting System</td><td>CW : EURO Multi (PAL, SECAM-B/G, D/K, I, L/L)</td></tr>
<tr><td>CS : PAL Multi (PAL, SECAM-B/G, D/K, I, NT4, 43, NT3.58)</td></tr>
<tr><td>Scanning System</td><td>100Hz / Progressive</td></tr>
<tr><td rowspan="3">Tuning Range</td><td>VHF : CH2 ~ CH12</td></tr>
<tr><td>UHF : CH21 ~ CH69</td></tr>
<tr><td>Cable : CHS1 ~ S40</td></tr>
<tr><td>Antenna Impedance</td><td>75 ohm Unbalanced</td></tr>
<tr><td>Intermediate Frequency</td><td>
<table>
<tr><th>System</th><th>Video(MHz)</th><th>Sound(MHz)</th></tr>
<tr><td>B/G</td><td>38.90</td><td>33.40</td></tr>
<tr><td>D/K</td><td>38.90</td><td>32.40</td></tr>
<tr><td>I</td><td>38.90</td><td>32.90</td></tr>
<tr><td>L(L')</td><td>34.5(41.0)</td><td>41.0(34.5)</td></tr>
</table>
</td></tr>
<tr><td>Sound Output</td><td>MAX : 15W x 2 (8ohm)</td></tr>
<tr><td>Rated Voltage</td><td>AC220V / Free Voltage (Option)</td></tr>
<tr><td>High Voltage</td><td>29KV</td></tr>
<tr><td rowspan="2">FUSE</td><td>250V/6.3A</td></tr>
<tr><td>CODE NO : 3601-000300</td></tr>
<tr><td>Power Consumption</td><td>230W</td></tr>
</table>

❑ White Balance (Southeast Asia)

Fixed

ITEM	42W5			47W1			43T6/43T7			48T6			42W5			42W5		
	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y
HIGHT	290	304	10.5	290	304	9.5	290	304	10	290	304	9.5	290	304	8.5	290	304	6.5
LOW	258	254	0.45	258	254	0.35	258	254	0.4	258	254	0.4	258	254	0.35	258	254	0.35
R-CUT OFF	15			16			15			17			16			12		
G-CUT OFF	20			20			20			20			20			20		
B-CUT OFF	21			26			23			32			29			35		
R-DRIVE	42			48			41			54			46			41		
G-DRIVE	31			31			31			31			31			31		
B-DRIVE	16			28			26			21			25			15		
SUB-BRIGHT	6			10			7			7			8			9		
SUB-CONTRAST	12			4			13			6			11			11		
SUB COLOR	15			15			15			15			15			15		
COL AXIS	2			2			2			2			2			2		

❑ White Balance (Australia)

ITEM	42W5			47W1			43T6/43T7			48T6			42W5			42W5		
	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y
HIGHT	290	304	10.5	290	304	9.5	290	304	10	290	304	9.5	290	304	8.5	290	304	6.5
LOW	290	290	0.45	290	290	0.35	590	290	0.4	290	290	0.4	290	290	0.35	290	290	0.35
R-CUT OFF	21			22			22			22			22			19		
G-CUT OFF	20			20			20			20			20			20		
B-CUT OFF	21			23			21			25			22			23		
R-DRIVE	35			38			36			45			41			32		
G-DRIVE	31			31			31			31			31			31		
B-DRIVE	20			25			26			24			29			17		
SUB-BRIGHT	8			9			8			5			7			15		
SUB-CONTRAST	10			6			13			8			10			11		
SUB COLOR	10			10			10			10			10			10		
COL AXIS	1			1			1			1			1			1		

4. Alignment and Adjustments

4-1 When entering the service mode;

1. Turn on the TV, and then select “DYNAMIC” on the picture adjustment mode.
2. Turn off the TV(STAND-BY).
3. Enter the service mode by pressing the remote control keys in the following sequence:
   Display -> Menu -> Mute -> Power ON

Note : If necessary, re-do steps 1~3.

Initial display when the service mode is switched.

4-1-1 WHEN A RF SIGNAL IS RECEIVED

CW MODEL

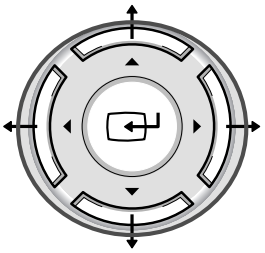
DEFLECTION
VIDEO ADJUST 1
VIDEO ADJUST 2
VIDEO ADJUST 3
VIDEO ADJUST 4
OPTION (87h 05ch)
YC DELAY
RESET
SIM-814EW YY.MM.DD

CS MODEL

DEFLECTION
VIDEO ADJUST 1
VIDEO ADJUST 2
VIDEO ADJUST 3
VIDEO ADJUST 4
OPTION (D8 04 2E)
YC DELAY
RESET
T_CADEC_010 YY.MM.DD

4-1-2 SERVICE MODE CONTROL KEYS

MAIN MENU	MENU DISPLAY
UP / DOWN	Select item by moving cursor
RIGHT / LEFT	Decrease or increase the adjustment values



[Navigation Key]

✍ **PRECAUTIONS**

1. When EEPROM IC (IC902) is replaced, first connect the power cord and wait for about 4~5 seconds.
2. After replacing EEPROM IC (IC902), enter the Service mode. Next, enter the standard data or the previous EEPROM IC data before replacement. And then check and adjust any items related to Geometric, Picture, Option.

4-2 FACTORY MODE MENU

4-2-1 CW MODEL(SIM-814EW)

4-2-1(A) DEFLECTION

Item	Range	Initial Data	Remark
V Amp	0 ~ 63	39	Variable
V Shift	0 ~ 63	32	FIX
H EW	0 ~ 63	41	Variable
H Shift	0 ~ 63	24	FIX
V Linearity	0 ~ 15	7	FIX
Upper Linearity	0 ~ 15	0	FIX
Lower Linearity	0 ~ 15	0	FIX
V SC	0 ~ 15	7	FIX
H Parabolra	0 ~ 63	29	FIX
Upper Corner	0 ~ 63	36	FIX
Lower Corner	0 ~ 63	34	FIX
H Trapezium	0 ~ 63	21	FIX
Bow	0 ~ 63	31	FIX
Angle	0 ~ 63	31	FIX
V Position	0 ~ 63	31	FIX
Up UCG	0 ~ 3	0	FIX
Lo UCG	0 ~ 3	0	FIX
CXA Left Blk	0 ~ 63	50	FIX
CXA Right Blk	0 ~ 63	25	FIX

4-2-1(B) VIDEO ADJUST1

Item	Range	Initial Data	Remark
R Cutoff	0 ~ 63	25	Variable
G Cutoff	0 ~ 63	25	FIX
B Cutoff	0 ~ 63	25	Variable
Color On/Off	0 ~ 1	1	Variable
CB Offset	0 ~ 63	31	Variable
CR Offset	0 ~ 63	31	Variable
R Drive	0 ~ 63	25	Variable
G Drive	0 ~ 63	25	FIX
B Drive	0 ~ 63	25	Variable
Sub Bright	0 ~ 63	15	Variable
Sub Contrast	0 ~ 15	8	Variable
Sub Color	0 ~ 23	3	FIX
Sut Tint	0 ~ 63	31	FIX
CTI Level	0 ~ 3	1	FIX
COL Axis	0 ~ 3	1	FIX
LTI Level	0 ~ 3	1	FIX
VSU	0 ~ 15	2	FIX
Melody Volume	0 ~ 20	4	FIX
LIT Mode	0 ~ 3	1	FIX
System	0 ~ 3	1	FIX

4-2-1(C) VIDEO ADJUST2

Item	Range	Initial Data	Remark
ABL Level	0 ~ 3	3	FIX
Gamma	0 ~ 3	1	FIX
DPIC Level	0 ~ 3	2	-
DC Trans	0 ~ 3	1	FIX
ABL TH	0 ~ 15	15	FIX
VM Level	0 ~ 3	1	-
VM Corint	0 ~ 15	0	FIX
VM f0	0 ~ 3	1	FIX
VM Limit	0 ~ 3	1	FIX
VM Delay	0 ~ 3	1	FIX
SHP CD	0 ~ 3	0	FIX
SHP f0	0 / 1	1	FIX
SHP f1 & P/O	-	11	FIX
AKB Time	0 ~ 63	13	FIX
BandPass 9407	-	24	-
HighPass 9407	-	40	-
S ABL	0 ~ 3	0	FIX
P ABL	0 ~ 15	15	FIX

4-2-1(D) VIDEO ADJUST3

Item	Range	Initial Data	Remark
H Comp	0 ~ 15	1	FIX
V Comp	0 ~ 15	4	
Pin Comp	0 ~ 7	3	
AFC Comp	0 ~ 7	0	
H-Sync Phase	0 / 1	0	
NR Off Value	0 ~ 9	6	
CG HAO	0 ~ 20	10	
CG VAO	0 ~ 20	15	
NR High Ref	0 ~127	40	
NR Low Ref	0 ~127	3	
NR High Value	0 ~255	17	
NR Low Value	0 ~255	51	
NR Hight Ref(S)	0 ~127	20	
NR Low Ref(s)	0 ~127	0	
NR High Value(S)	0 ~255	17	
NR Low Value(S)	0 ~255	51	
NR Read M/S	0/27	0 0	

4-2-1(E) VIDEO ADJUST4

Item	Range	Initial Data	Remark
SECAM Color Main	0 ~255	28	FIX
SECAM Color Pip	0 ~255	28	
Picture Limit	0 ~ 3	3	
OSD Contrast	0 ~ 15	10	
TTX Contrast	0 ~ 15	3	

4-2-1(F) OPTION

Item	Setting Data	Appliance	Remark
SYSTEM	CS/CW	CW	
SOUND	A2-NICAM/Virtual Dolby	Virtual Dolby	
ASPECT	WIDE / 4:3	WIDE	
WIDE 4:3	OFF / ON	on	
X-RAY	OFF / ON	ON	
AUTO FM	OFF / ON	ON	
PIP	OFF / 2-TUNER	2-TUNER	
LNA	OFF / ON	On	
Letter Box	OFF / ON	ON	
D/W PIP	OFF / ON	OFF	
AGC	OFF / ON	OFF	
Natural Zoom	OFF / ON	ON	
HELP	OFF / ON	ON	

4-2-1(G) YC DELAY

Item	Range
P.YC(AV) Delay	1
S.YC(AV) Delay	-5
N.YC(AV) Delay	1
P.BG.YC Dealy	1
P.DK.YC Delay	-2
P.I.YC Delay	0
P.M.YC Delay	0
P.N.YC Delay	0
S.BG.YC Delay	-7
S.DK.YC Delay	-9
S.I.YC Delay	-9
S.M.YC Delay	-7
S.L.YC Delay	-10
N.M.YC Delay	3
N4.43 YC Delay	-6

4-2-2 CS MODEL(T_CADEC_010)

4-2-2(A) DEFLECTION

Item	Range	Initial Data												Remark
		42W5		47W1		43T6/43T7		48T6		54T6		62T6		
		NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	
V Amp	0 ~ 63	48	48	48	48	48	48	48	48	48	48	48	48	Variable
V Shift	0 ~ 63	31	31	31	31	31	31	31	31	31	31	31	31	FIX
H EW	0 ~ 63	48	48	48	48	48	48	48	48	48	48	48	48	Variable
H Shift	0 ~ 63	24	24	24	24	24	24	24	24	24	24	24	24	FIX
V Linearity	0 ~ 15	7		7		7		7		7		7		FIX
Upper Linearity	0 ~ 15	0		0		0		0		0		0		FIX
Lower Linearity	0 ~ 15	0		0		0		0		0		0		FIX
V SC	0 ~ 15	2		2		2		2		2		2		FIX
H Parabolra	0 ~ 63	15		15		15		15		15		15		FIX
Upper Corner	0 ~ 63	33		33		33		33		33		33		FIX
Lower Corner	0 ~ 63	33		33		33		33		33		33		FIX
H Trapezium	0 ~ 63	18		18		18		18		18		18		FIX
Bow	0 ~ 63	31		31		31		31		31		31		FIX
Angle	0 ~ 63	31		31		31		31		31		31		FIX
V Position	0 ~ 63	31		31		31		31		31		31		FIX
Up UCG	0 ~ 3	0		0		0		0		0		0		FIX
Lo UCG	0 ~ 3	0		0		0		0		0		0		FIX
CXA Left Blk	0 ~ 63	50		50		50		50		50		50		FIX
CXA Right Blk	0 ~ 63	25		25		25		25		25		25		FIX

4-2-2(B) VIDEO ADJUST1

Item	Range	Initial Data	Remark
R Cutoff	0 ~ 63	25	Variable
G Cutoff	0 ~ 63	25	Variable
B Cutoff	0 ~ 63	25	Variable
Color On/Off	0 ~ 1	1	Variable
CB Offset	0 ~ 63	31	Variable
CR Offset	0 ~ 63	31	Variable
R Drive	0 ~ 63	25	Variable
G Drive	0 ~ 63	25	Variable
B Drive	0 ~ 63	25	Variable
Sub Bright	0 ~ 63	15	Variable
Sub Contrast	0 ~ 15	8	Variable
Sub Color	0 ~ 23	3	FIX
Sut Tint	0 ~ 63	31	FIX
CTI Level	0 ~ 3	1	FIX
COL Axis	0 ~ 3	2	FIX
LTI Level	0 ~ 3	1	FIX
VSU	0 ~ 15	2	FIX
Melody Volume	0 ~ 20	4	FIX
LIT Mode	0 ~ 3	1	FIX
System	0 ~ 3	1	FIX

4-2-2(C) VIDEO ADJUST2

Item	Range	Initial Data	Remark
ABL Level	0 ~ 3	3	FIX
Gamma	0 ~ 3	1	FIX
DPIC Level	0 ~ 3	2	FIX
DC Trans	0 ~ 3	1	FIX
ABL TH	0 ~ 15	15	FIX
VM Level	0 ~ 3	1	FIX
VM Corint	0 ~ 15	0	FIX
VM f0	0 ~ 3	1	FIX
VM Limit	0 ~ 3	1	FIX
VM Delay	0 ~ 3	1	FIX
SHP CD	0 ~ 3	0	FIX
SHP f0	0 / 1	1	FIX
SHP f1 & P/O	-	11	FIX
AKB Time	0 ~ 63	13	FIX
BandPass 9407	-	24	FIX
HighPass 9407	-	40	FIX
S ABL	0 ~ 3	0	FIX
P ABL	0 ~ 15	15	FIX

4-2-2(D) VIDEO ADJUST3

Item	Range	Initial Data	Remark
H Comp	0 ~ 15	1	FIX
V Comp	0 ~ 15	4	
Pin Comp	0 ~ 7	3	
AFC Comp	0 ~ 7	0	
H-Sync Phase	0 / 1	0	
NR Off Value	-	6	
CG HAO	0 ~ 20	10	
CG VAO	0 ~ 20	15	
NR High Ref	0 ~127	40	
NR Low Ref	0 ~127	3	
NR High Value	-	17	
NR Low Value	-	51	
NR Hight Ref(S)	0 ~127	20	
NR Low Ref(s)	0 ~127	0	
NR High Value(S)	-	17	
NR Low Value(S)	-	51	
NR Read M/S	-	0 0	

4-2-1(E) VIDEO ADJUST4

Item	Range	Initial Data	Remark
SECAM Color Main	0 ~255	28	FIX
SECAM Color Pip	0 ~255	28	
Picture Limit	0 ~ 3	3	
OSD Contrast	0 ~ 15	10	
TTX Contrast	0 ~ 15	3	

4-2-1(F) OPTION

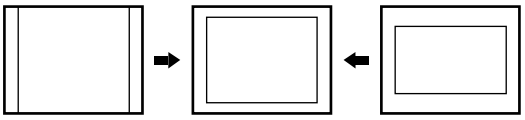
Item	Setting Data	Appliance (Southeast Asia)	Appliance (CHINA)	Appliance (Middle East)
LANGUAGE	ENG+THAI / ENG+CHINA ENG+MIDDLE / ONLY ENG	ONLY ENG ENG+THAI(Thailand)	ENG+CHINA	ENG+MIDDLE
SOUNG	A2-NICAM/Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby
CRT	WIDE / 4:3	4:3(Option)	4:3(Option)	4:3(Option)
CHANNEL	100-channel / 200-channel /250-chanel	100-channel	200-channle	250-channle
X-LAY	OFF / ON	ON	ON	ON
TTX	OFF / ON	ON	OFF	ON
AUTO FM	OFF / ON	ON	ON	ON
PIP	OFF / 2-TUNER	2-TUNER	2-TUNER	2-TUNER
MULTI PIP	OFF / ON	ON	ON	ON
LNA	OFF / ON	ON	ON	ON
HIGH DEV	OFF / ON	OFF	OFF	OFF
SCART	RCA+1SCART+DVD / RCA+DVD	RCA+1SCART+DVD	RCA+DVD	RCA+1SCART+DVD
LETTER BOX	OFF / ON	ON	ON	ON
DW PIP	OFF / ON	OFF	OFF	OFF
LIST PRIOR	OFF / ON	OFF ON(AUSTRALIA)	OFF	OFF
TTX LANG	WEST EUROPE / EAST EUROPE RUSSIAN / GREEK-TURKEY ARABIC / FARSI / AREB-HEBREW	WEST EUROPE	WEST EUROPE	ARABIC
AGC	OFF / ON	OFF	OFF	OFF
AV MEMORY	OFF / ON	OFF	OFF	OFF
AUSTRALIA	OFF / ON	OFF	OFF	OFF

4-2-2(G) YC DELAY

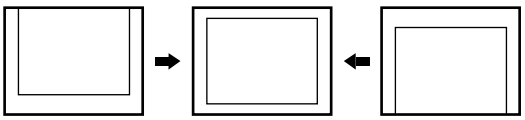
Item	Range
P.YC(AV) Delay	1
S.YC(AV) Delay	-5
N.YC(AV) Delay	1
P.BG.YC Dealy	1
P.DK.YC Delay	-2
P.I.YC Delay	0
P.M.YC Delay	0
P.N.YC Delay	0
S.BG.YC Delay	-7
S.DK.YC Delay	-9
S.I.YC Delay	-9
S.M.YC Delay	-7
S.L.YC Delay	-10
N.M.YC Delay	3

4-3 Screen Change (When Adjusting I²C Bus Geometric Items)

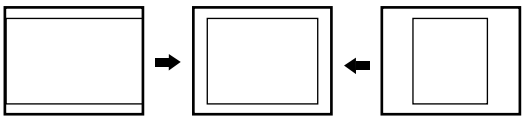
1 V AMP



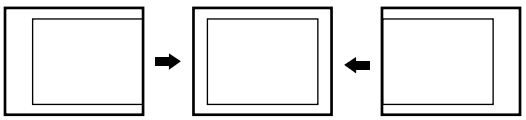
2 V SHIFT



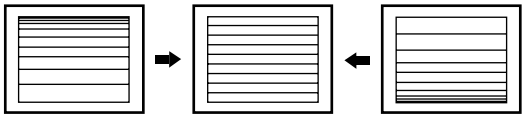
3 H EW



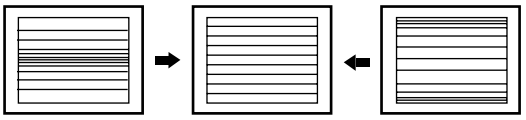
4 H SHIFT



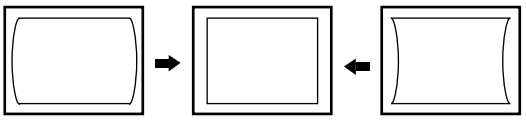
5 V LINEARITY



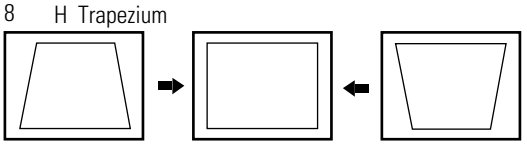
6 V - S - CORRECTION



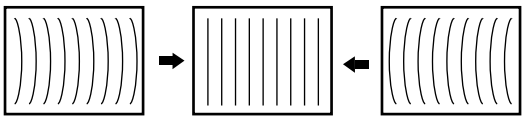
7 H Parabolra



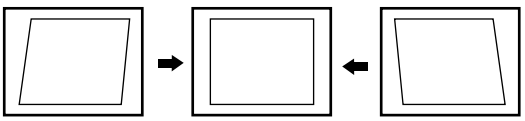
8 H Trapezium



9 BOW



10 ANGLE



4-4 Other Adjustments

4-4-1 Screen Adjustment

1. Warm up the TV for at least 30 minutes.
2. Select the “DYNAMIC” Video mode.
3. Trun to the Video Mode(No Signal) using a remote-control.
4. Connect an oscilloscope to RK, GK, BK.
5. Adjust the VR (VR501, VR531, VR561) screen so that RK, GK, BK pulse is 20Vp-p each. (Turn the R,G,B VR screen fully counterclockwise in the area of each flyback line.)

4-4-2 White Balance Adjustment

1. Select the “DYNAMIC” video mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote-control keys in the following sequence:
   Displsy → Menu → Mute → Power ON
4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the Volume +/- keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive and B-drive by pressing the Volume +/- keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo adjustments 6~9.
11. Press the Menu key to exit.

4-6-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control keys in the following sequence :
   Displsy → Menu → Mute → Power ON
3. Select Sub-Bright by pressing the Volume +/- keys.
4. Adjust so that the 63 step on the right side of the screen is not seen (Use the Volume +/- keys).
5. Press the Menu key to exit.

4-4-4 High Voltage (30KV) Check

PRECAUTION

1. Input a lion head pattern.
2. Select “DYNAMIC” video mode.
3. Warm up the TV for at least 10 minutes.
4. Use a digital multimeter.

ADJUSTMENT

1. Connect the (+) terminal of the digital multimeter to Q471 and the (-) terminal to Q401 (located on the deflection board).
2. Adjust RR471S (located on the sub board) so that the digital meter indicates DC290V ± 0.1V.

4-4-5 F.S. (Fail Safe) Circuit Check (GT430,GT431)

Note : The F.S. Circuit check must be performed after servicing.

1. Turn on the TV.
2. Select the “DYNAMIC” video mode.
3. Short F/S Test point (located on the SUB PCB). Then, both sound and picture disappear. (Note: Even if the shorted terminals are removed, both sound and picture do not appear. This proves the F.S. circuit is working.)
4. To restore both sound and picture, turn off the TV and reset it after about 30 seconds.

4-4-6 Static Focus Adjustment

PRECAUTION

1. Select the “DYNAMIC” video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus.
   (See Fig, 4-1)

STATIC FOCUS (CONTINUED)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance.
Figure Crosshatch Pattern
Examine these points together.

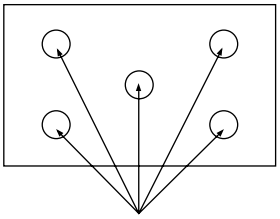


Fig. 4-1 Crosshatch Pattern.

4-4-7 Lens Focus Adjustment

PRECAUTIONS

1. Do this adjustment after the static focus adjustment and the tilt adjustment.
2. Select the “DYNAMIC” video mode.
   (Contrast:100, Brightness:50)
3. Input a crosshatch pattern.

ADJUSTMENT

1. Loosen the lens screws.
2. Cover the two lenses that are not being adjusted.
3. Adjust the lens, observing the color aberration vertically and horizontally within 3 blocks of the center of the crosshatch pattern.
4. When the lens is turned clockwise, the color aberration will change as follows:

Lens	Color Aberration Change
R	Orange - Crimson
G	Blue - Red
B	Purple - Green

5. Green lens adjustment:
   Set the lens at the point where Blue just changes to Red. If the color aberration is irregular throughout the picture screen, adjust the lens to show Red color aberration (approximately 1~3 mm area) within a 3-block grid around the horizontal center-line. If the color aberration is irregular, adjust the lens as shown in the diagram below. (Accurate alignment of Green is important for overall color quality.)
6. Red lens adjustment
   Set the Red lens at the point where Orange becomes Crimson.
7. Blue lens adjustment
   Set the Blue lens at the point where Purple becomes Green.

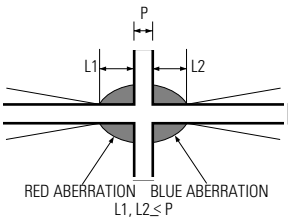


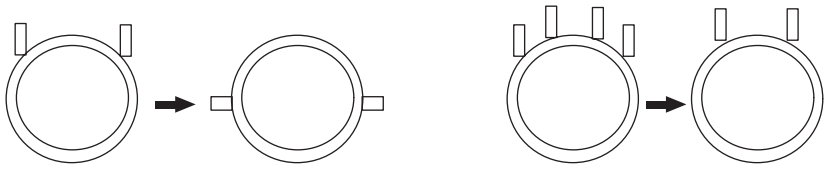
Fig. 4-2 Color Aberration

4-5 Beam alignment Adjustments

1. Select the “DYNAMIC” video mode.
2. Warm up the set at least for 10 minutes.
3. Enter the Convergence mode by pressing the remote control buttons in the following sequence :

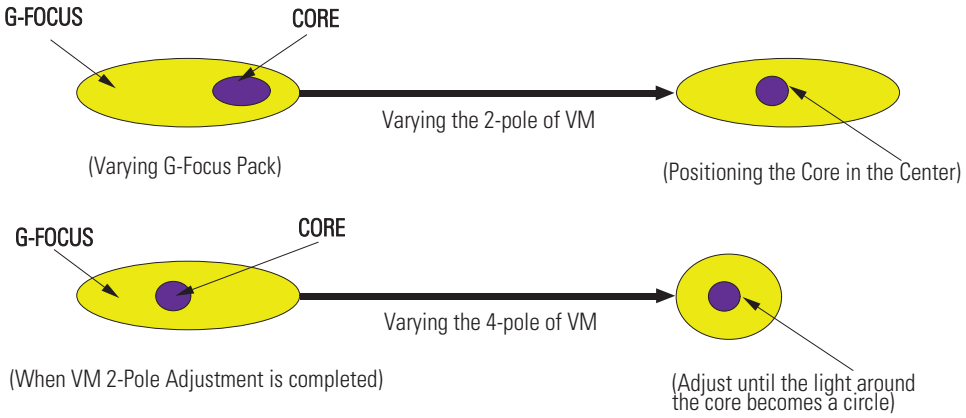
   Mute → 1 → 8 → 3

4. Set the Beam Alignment Adjustment CY to Zero magnetic field area.



(Creation of CPM Zero Magnet) (Creation of the 2-pole/4-pole zero magnets)

5. Check the squarewave at the point where the focus is misaligned.
6. Press the 7 button on the remote control during 3~5 sec and vibrating dot-pattern appears.
7. Adjust the Focus-pack VR for defocusing.
8. Mute the other patterns (R/B) other than G-PATTERN.
   (Use / TV buttons on the remote control.)

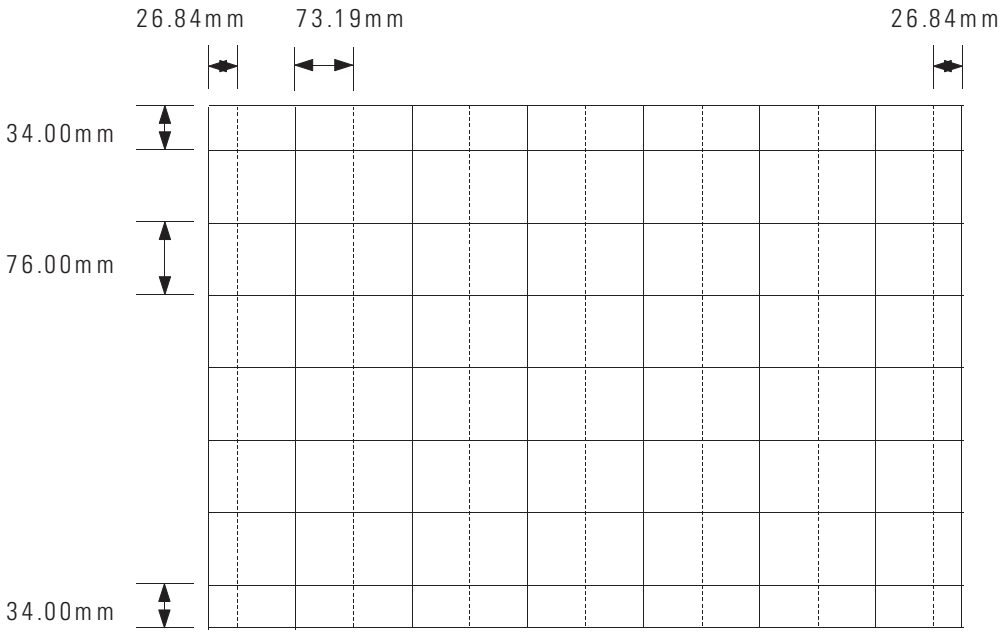


9. Adjust the 2, 4 polarities of VM-COIL as shown in figure below.
10. Adjust the G-Focus until any light around the core disappears.
11. Adjust G-Focus so that the surrounding flash can disappear from the spot.
12. After G-Focus adjustments are complete, adjust R-Focus as above procedures.
13. The B-CRT adjustments can be omitted because the variance of beam focus is small.
    (Only Vm-coil is mounted.)
14. Adjust the Focus-pack VR for fine focusing.
15. Press the 7 button on the remote control, and the mode changes to the Convergence Adjustment mode.
16. Press the S.STD button on the remote control to return to normal viewing.

4-6 SCREEN-JIG

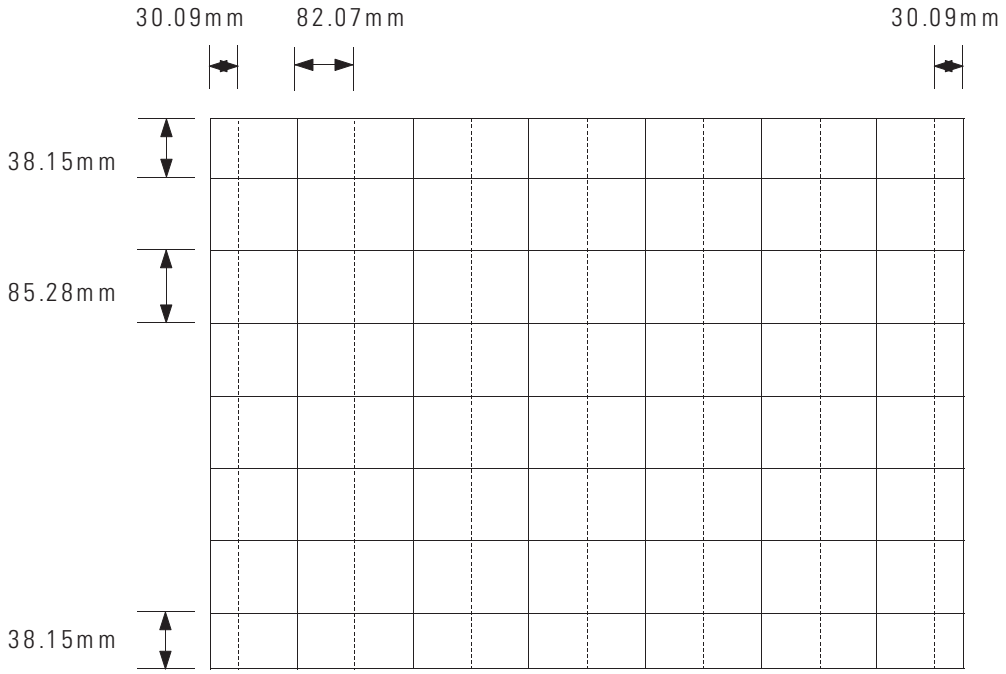
4-6-1 42W5

42W5 Screen Size : X 932, Y 524 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



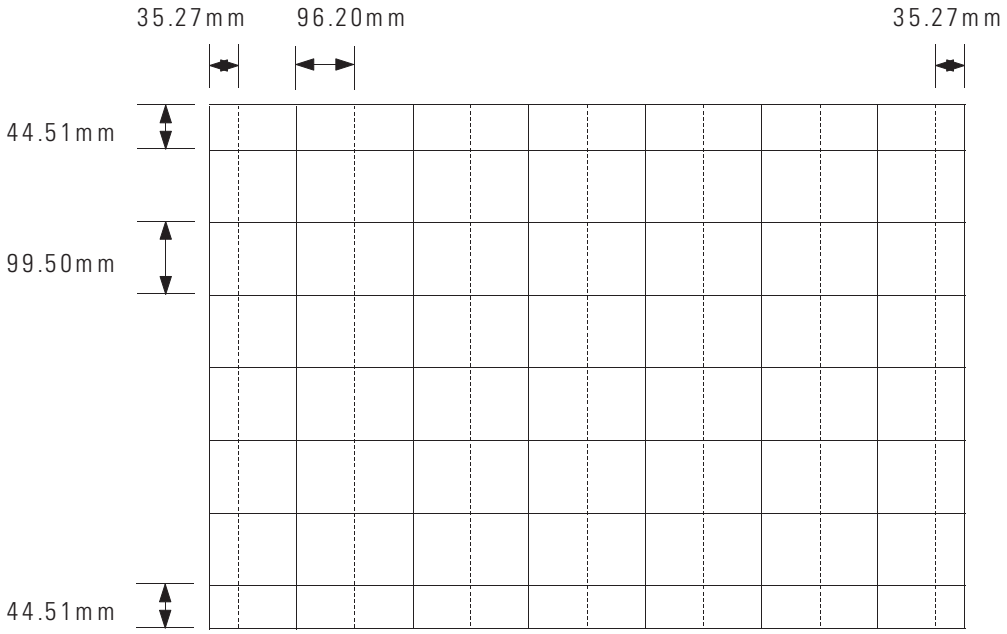
4-6-2 47W3

47W3 Screen Size : X 1045, Y 588 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



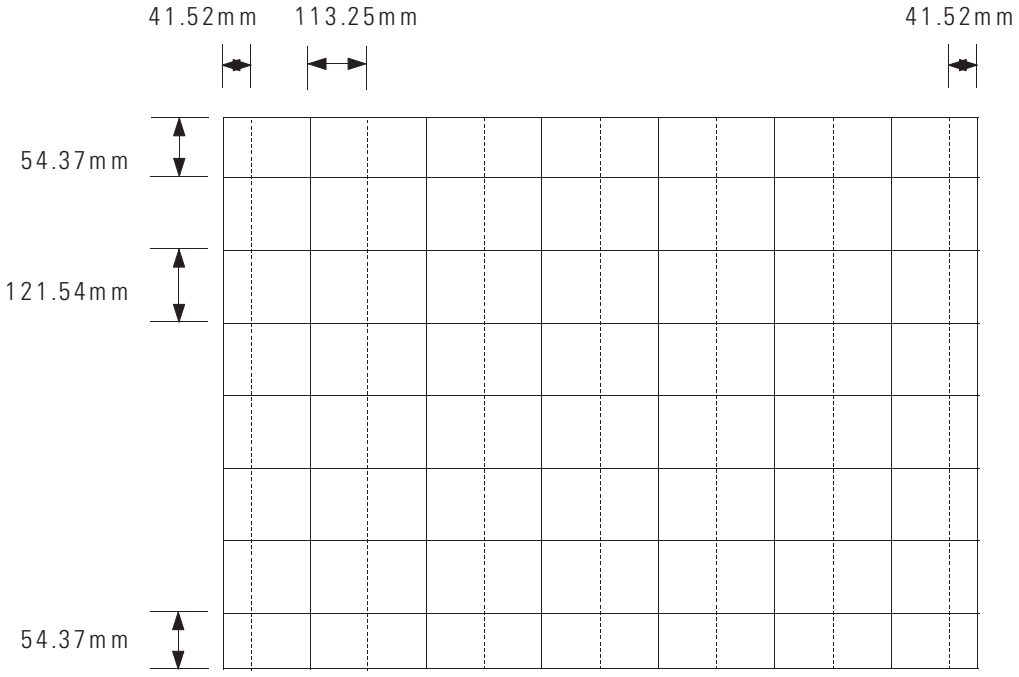
4-6-3 55W3

55W3 Screen Size : X 1225, Y 686 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



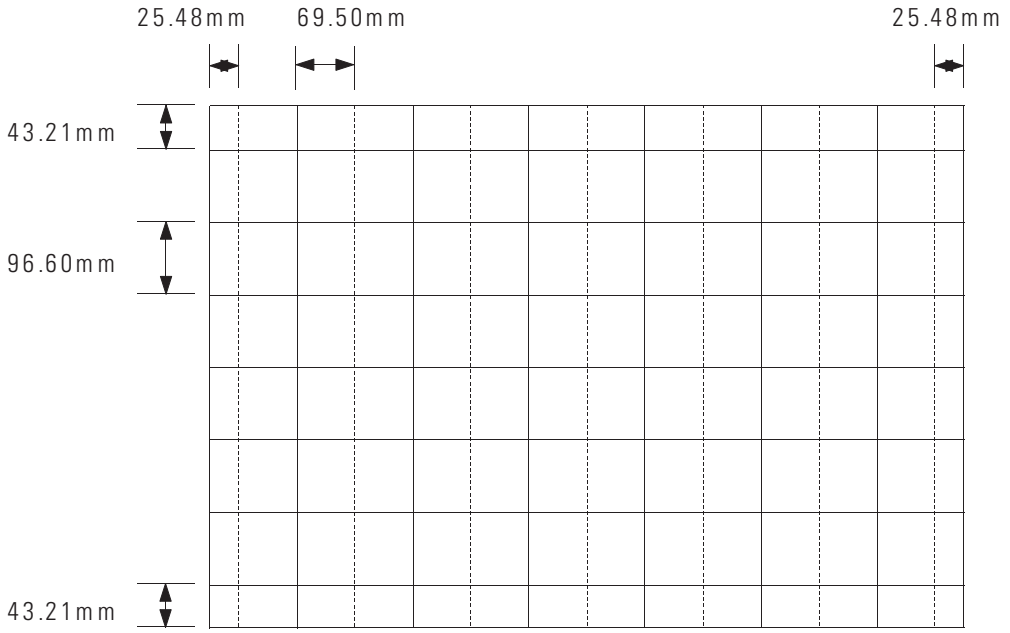
4-6-4 65W3

65W3 Screen Size : X 1442, Y 838 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



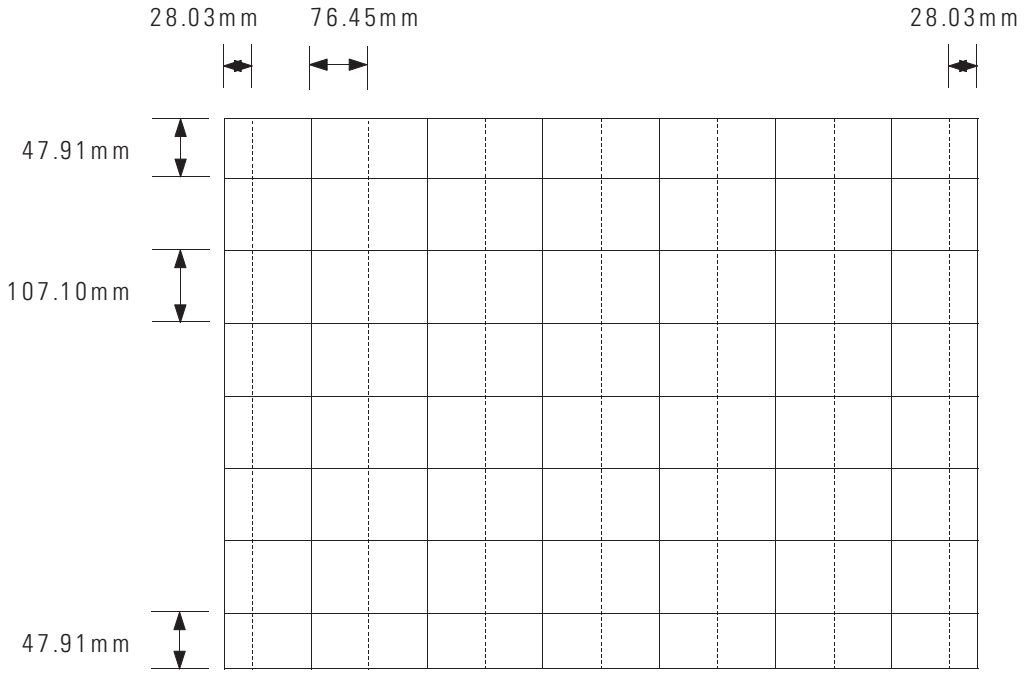
4-6-5 43T6/43T7

43T6 Screen Size : X 885, Y 666 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



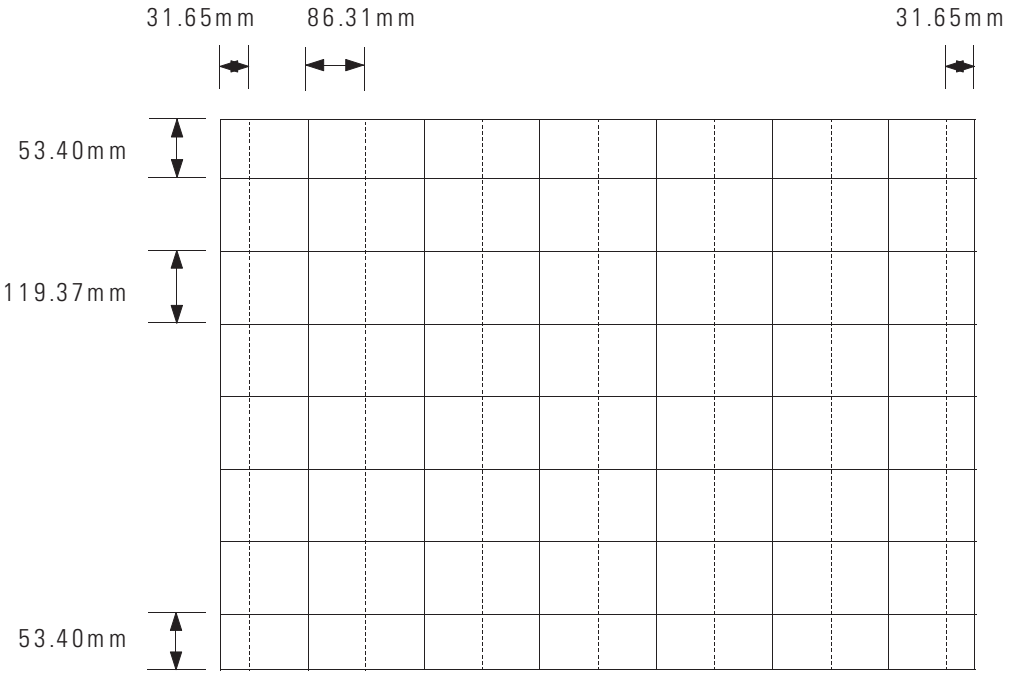
4-6-6 48T6

48T6 Screen Size : X 973.4 Y 738.4 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



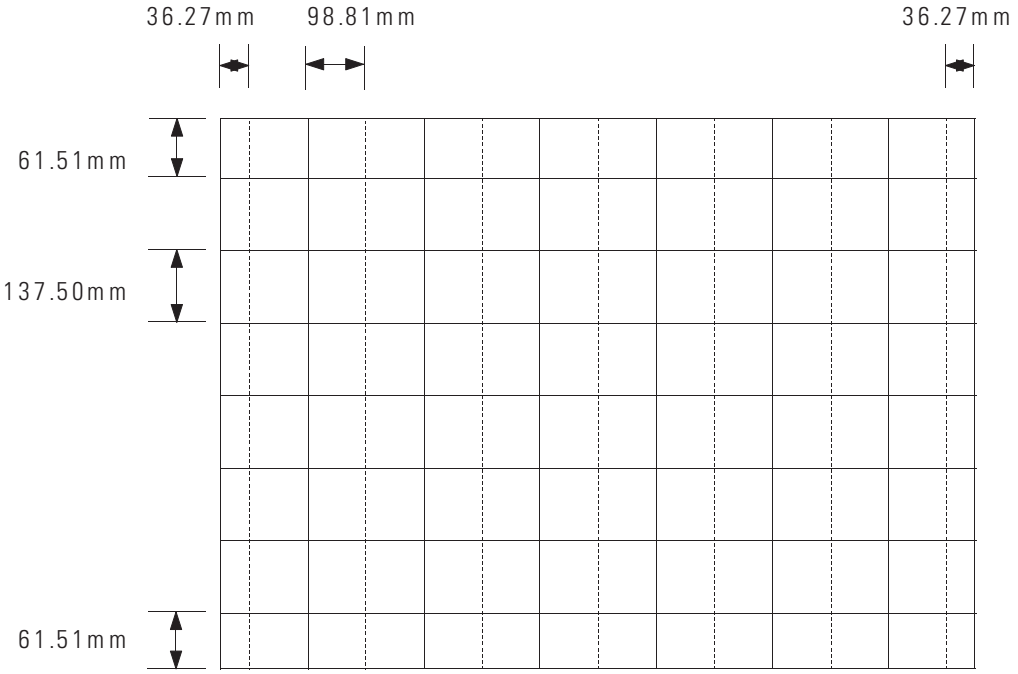
4-6-5 54T6

54T6 Screen Size : X 1099 Y 823 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE

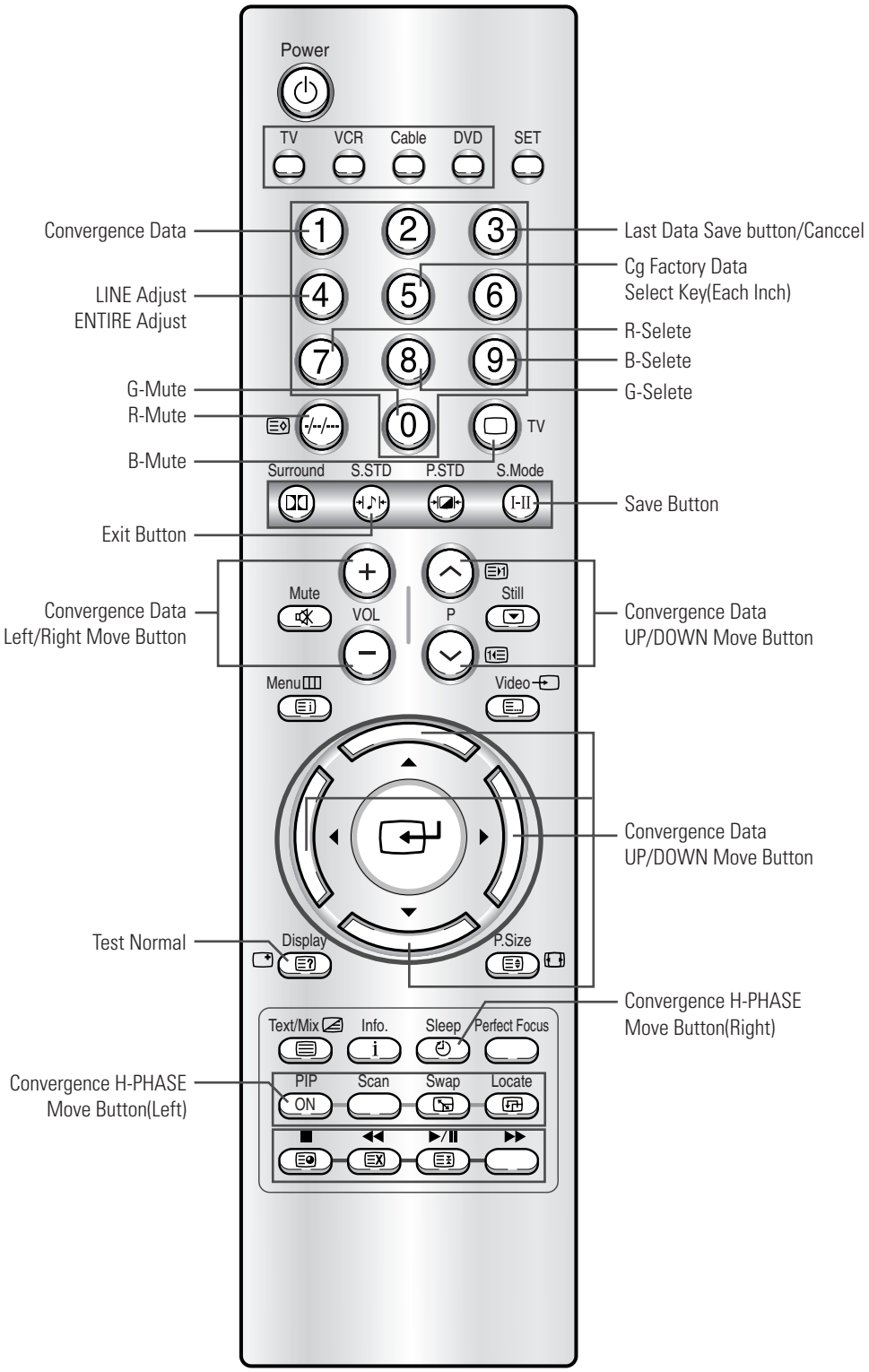


4-6-6 62T6

62T6 Screen Size : X 1259.4, Y 948 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



4-7 Remote Control for Servicing(Convergence Mode)



4-7-1 KEY Function

1. R-SELECT (7)
   Press to select RED color.

2. G-SELECT (8)
   Press to select GREEN color.

3. B-SELECT (9)
   Press to select BLUE color.

4. R-MUTE (-/--)
   Press to mute RED color.

5. G-MUTE (0)
   Press to mute GREEN color.

6. B-MUTE (TV)
   Press to mute BLUE color.

7. CANCEL KEY (3)
   Press to revert to the previous data during the Convergence Adjustment.

8. TEST / NORMAL (Display)
   Press to check TV mode in the Convergence Mode.

9. LINE SHIFT (4)
   Press to move a line up / down or left / right.

10. FACTORY DATA SELECT BUTTON (2)
    Press to call the factory default values.

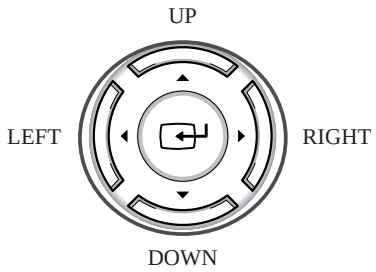
11. SAVE BUTTON (S.Mode)
    After the Convergence Adjustments are completed, press to save data.

12. EXIT BUTTON (S.STD)
    After the Convergence adjustments are completed, press to exit to TV mode.

13. CURSOR MOVE BUTTON

Press to move the cursor up / down or right / left.

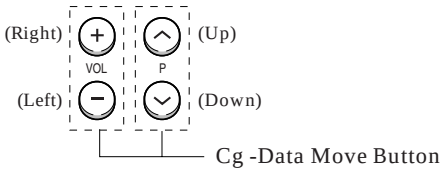
①



②

③ (Mute) Press to move the cursor left or up.
(Video) Press to move the cursor right or down.
(Menu) Press switch the cursor direction horizontally or vertically.

14. CONVERGENCE PICTURE MOVE BUTTON



15. CONVERGENCE MOVE BUTTON

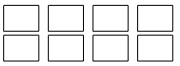
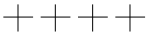
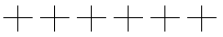
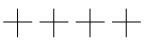
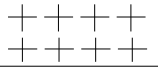
Press to move the convergence right (PIP ON) or left (Sleep) .

16. CONVERGENCE DATA ZERO BUTTON ①

Press to zero the convergence correction data.

17. INITIAL DATA SET BUTTON (2)

Changes when applying Almighty-Cg, Module (How to extract the basic Cg Data)

Inch (Type)	Model Name	Basic Data	Screen Display
	Representative Model	Number after entring the Cg-Mode	
42″ (42W5)	SP42W5	5-425 (Press in regular order)	
47″ (47W3)	SP47W3	5-473(Press in regular order)	
55″ (55W3)	SP55W3	5-553(Press in regular order)	
43″ (43T6	SP43T6	5-436(Press in regular order)	
43″ (43T7)	SP43T7	5-437(Press in regular order)	
48″ (48T6)	SP48T6	5-485(Press in regular order)	
54″ (54T6)	SP54T6	5-545(Press in regular order)	
62″ (62T6)	SP62T6	5-625(Press in regular order)	
65″(65W3)	SP65W3		

18. Data shift Button Locate Press to transmit data(PAL Mode / NTSC Mode).

4-8 Convergence Adjustment

4-8-1 Convergence Adjustment

Special Notes

✏ A sensor is attached on the center of each side of the Convergence Mode pattern (see figure below). The sensors are required for normal Perfect Focus function.

✏ Use a screen jig to do the convergence adjustments correctly (Especially, perform correct convergence adjustments on the center of each side where a sensor is located.)

✏ Do the convergence adjustments correctly. Otherwise, any Perfect Focus error can happen.

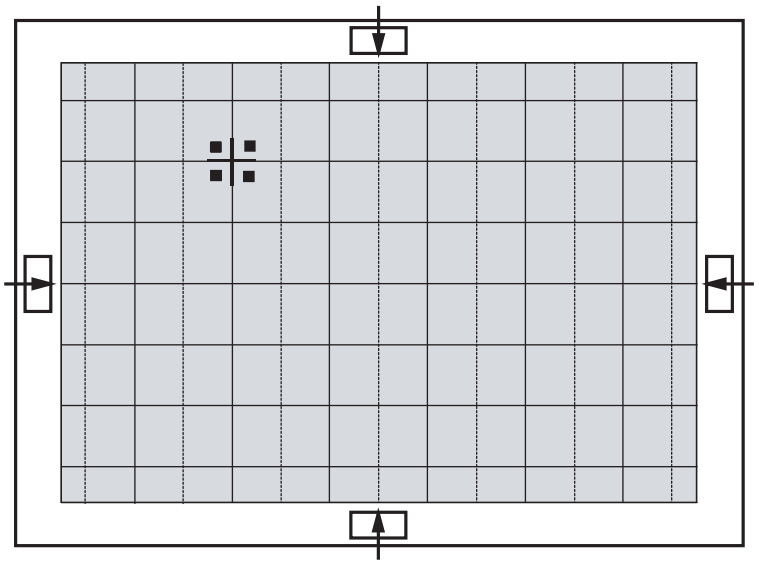
1. Warm up the TV for a least 30 minutes.

2. Input an PAL Signal.(Use an antenna or AV source.)

NOTE Make sure that deflection yoke are properly adjusted so that the center of Green, Red, Blue pattern is aligned on the center of screen jig.

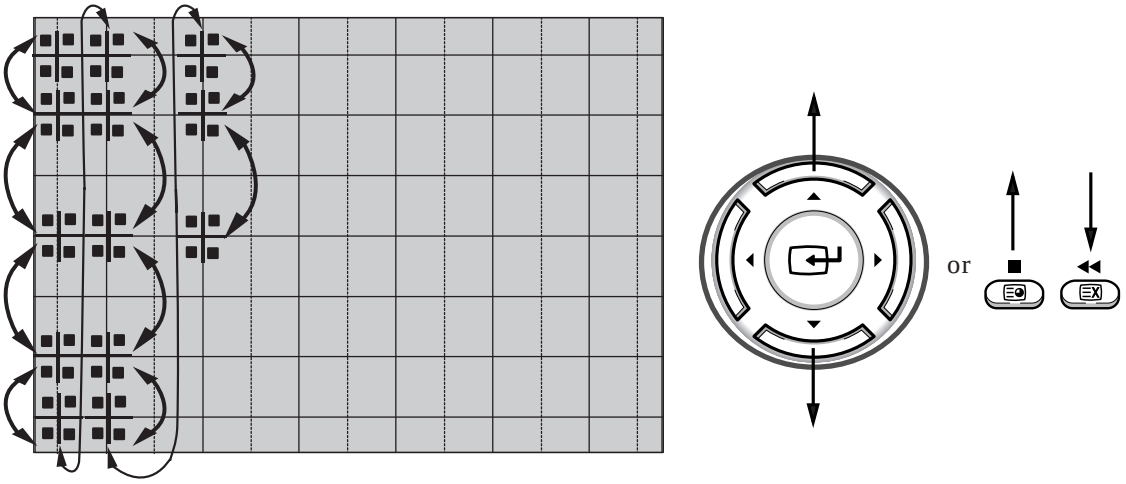
3. Enter the Convergence Mode by Pressing the remote control keys in the following sequence:

NOTE If OSD displayed as shown in figure below, press the S.STD key to exit.
Then, redo step 3 to enter the Convergence Mode.
After entering the Convergence Mode, Stand by for about five seconds before doing the adjustments.



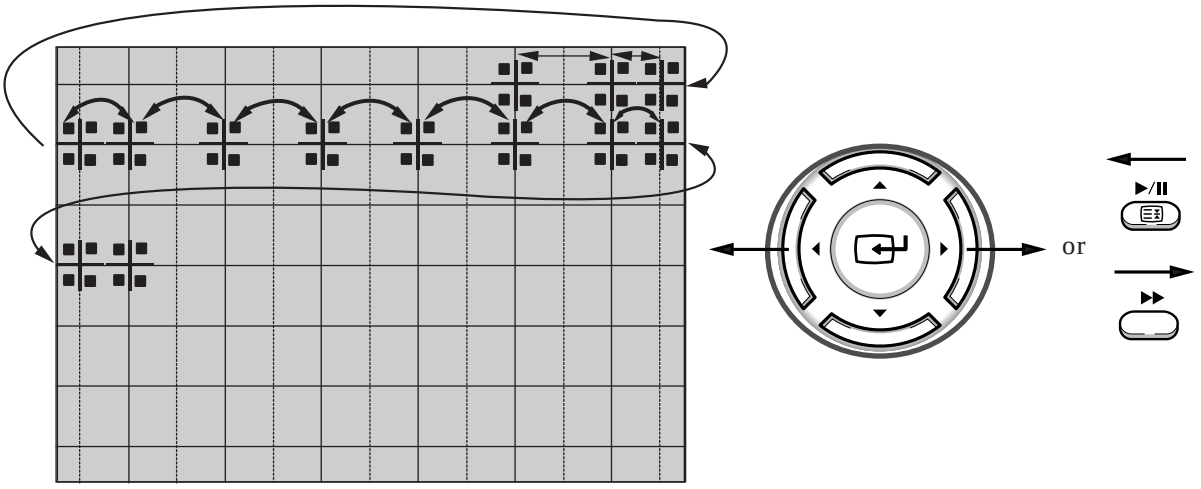
4. To adjust GREEN, first press the -/--/--- and the TV keys, and then press the 8 key.

5. The Menu key moves the cursor horizontally or vertically

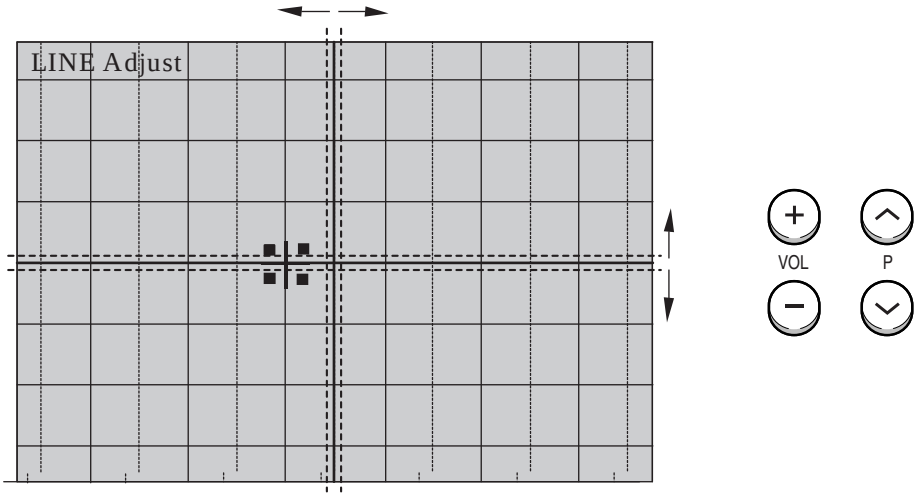


NOTE When the Menu key is pressed once again, the cursor moves horizontally.

6. The Mute key moves the cursor right, and the P.Size key moves the cursor left.



7. Use the (4) key for overall balance.

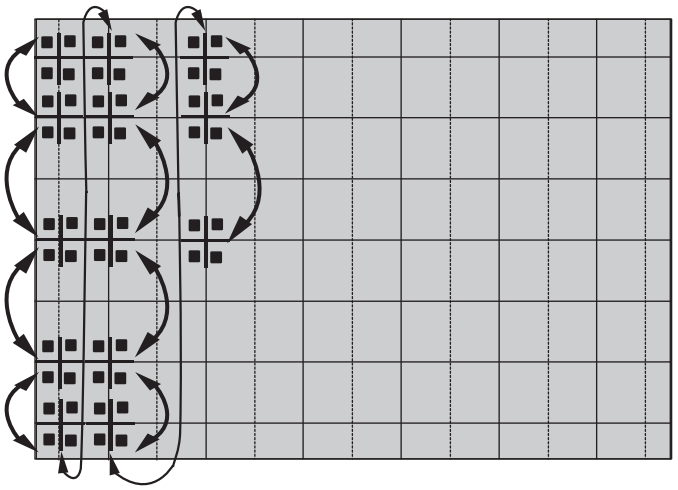


8. After the Line Shift is cancelled by pressing the (4) key, use the Channel and Volume keys (Up/Down/Right/Left) to make big adjustments.

9. After the green convergence adjustments are completed, press the S.Mode (I-II) key to save the data.

10. Superimpose the Red and Green colors by pressing the (-/--/---) and the (7) keys.

11. To adjust RED, redo steps 5~7.



When the cursor moves vertically Menu

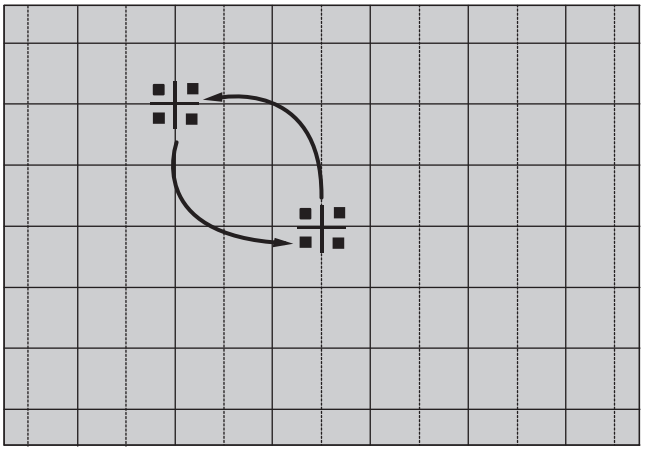
12. To superimpose the blue and green colors, press (1) the -/--/--- key for R-Mute, (2) the TV key to cancel the B-Mute, and (3) the 9 key for B-select.

13. To adjust BLUE, redo steps 5 ~ 7, 13.

14. If any color is not properly adjusted when displaying the red, blue and green colors, readjust the color.

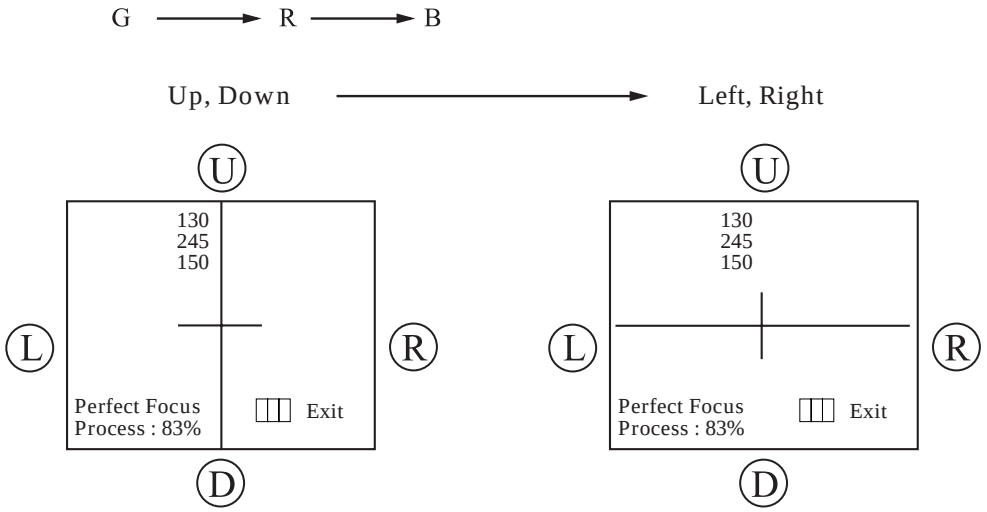
15. After the color adjustments are completed, press the S.Mode I-II key to save the data.

NOTE The cursor moves to center, and then automatically moves up and to the left about five seconds later.



4-8-2 Perfect Focus(Factory Mode)

1. After the adjustment is completely saved, press the Perfect Focus key to perform Auto Convergence(Factory Mode). Auto Convergence is performed in the following sequences:



When Auto Convergence is complete, the data is automatically saved and the convergence pattern reverts.

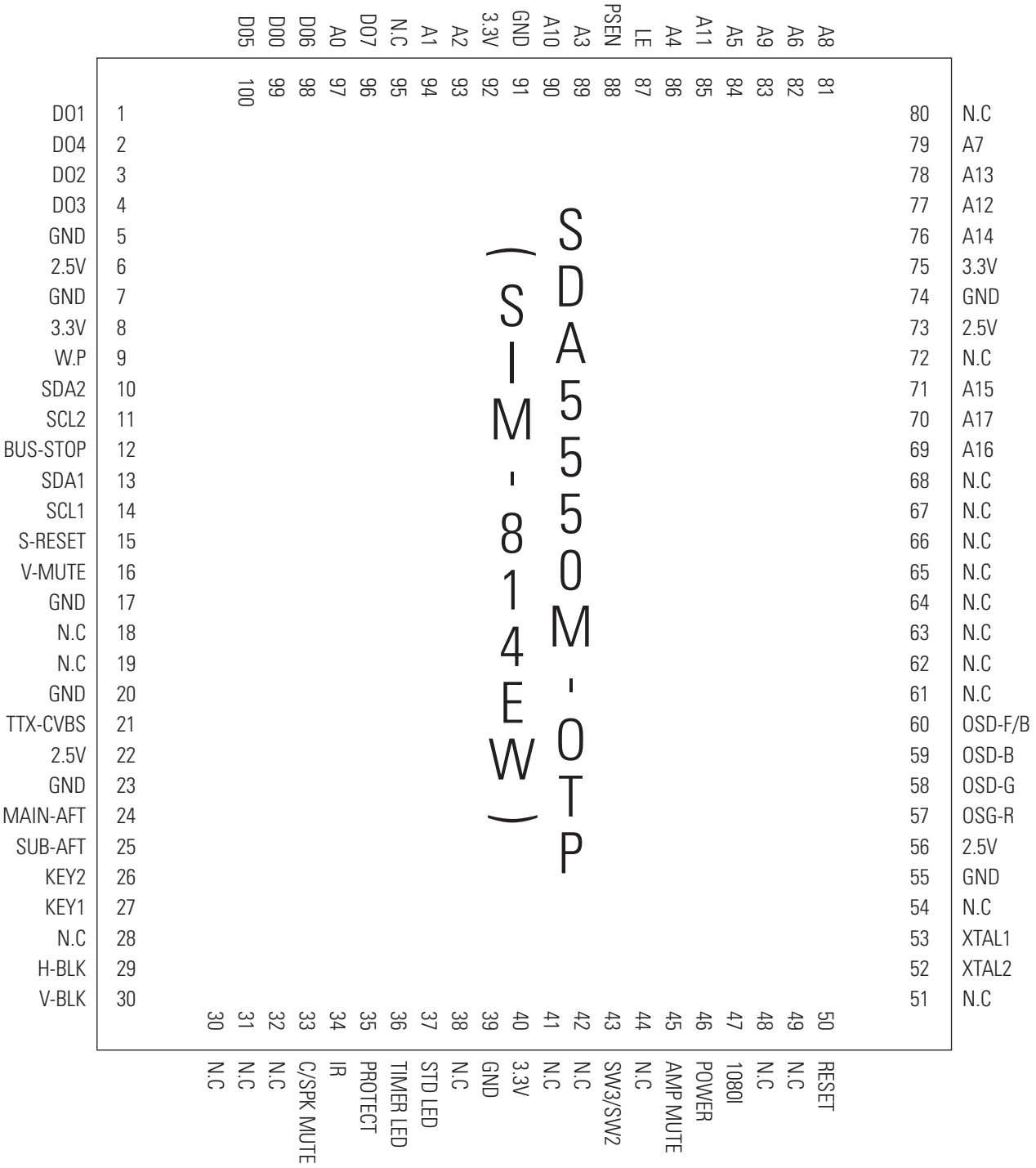
NOTE

- After Factory Auto Convergence is complete, make sure that the cursor flickers for about 1 second on the center and then it is saved.
- Check the presence of error through the flicker of the cursor.
- When any error happens, be sure to re-do Factory Auto Convergence.
- When Convergence Adjustment is not normally done or the convergence center is misaligned with the sensing point, any adjustment error happens. Therefore, be sure to use a screen jig to correctly adjust during troubleshooting.

2. After the Convergence Adjustments are completed, press the S.STD key to exit.

4-9 MICOM and Pins Voltage

4-9-1 Pin Layout



4-9-2 MICOM MODULE Pins

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	KEY 1	KEY SCAN1	2.28[V]
2	PROTECT	PROTECT PORT	0.83[mV]
3	KEY 2	KEY SCAN2	2.25[V]
4	GND	GND	-
5	N.C	N.C	-
6	STB-5(V)	VCC	4.91[V]
7	IR IN	REMOCON INPUT	3.74[V]
8	POWER	POWER ON/OFF RELAY CONTROL	1.03[V]
9	TIMER-LED	TIMER LED	2.07[V]
10	N.C	N.C	-
11	GND	GND	-
12	V-RESET	VIDEO RESET	2.84[mV]
13	SCL1	SERIAL CLOCK LINE1	3.43[V]
14	GND	GND	-
15	SDA1	SEREAL DATA LINE1	3.49[V]
16	S-RESET	SOUND RESET	4.21[V]
17	ST-BY-LED	STAND-BY LED	2.95[V]
18	RESET	RESET	2.47[V]
19	AMP-MUTE	SOUND AMP MUTE	0.89[mV]
20	N.C	N.C	-
21	GND	GND	-
22	N.C	N.C	-
23	SCL2	SERIAL CLOCK LINE2	3.27[V]
24	C-SPK MUTE	CENTER SPEAKER MUTE	3.26[V]
25	SDA2	SERIAL DATA LINE2	3.27[V]
26	SW3	SW3(CONTROL)	5[mV]
27	GND	GND	-
28	SW2	SW2(CONTROL)	2.08[V]
29	SUB-AFT	SUB TUNER AFT CONTROL	2.57[V]
30	GND	GND	-
31	MAIN-AFT	MAIN TUNER AFT CONTROL	1.04[V]
32	BUS-STOP	IIC BUS STOP	3.27[V]

PIN NO.	ITEM	FUNCTION	OUT VOLT
33	5[V]	5[V]	4.96[V]
34	H-BLANK	HORIZONTAL BLANK	215.8[mV]
35	GND	GND	-
36	V-BLANK	VERTICAL BLANK	-12.10[mV]
37	N.C	N.C	-
38	GND	GND	-
39	GND	GND	-
40	N.C	N.C	-
41	VS1	VERTICAL SYNC	-
42	N.C	N.C	-
43	HS1	HORIZONTAL SYNC	215.51[mV]
44	N.C	N.C	-
45	GND	GND	-
46	N.C	N.C	-
47	TTX-CVBS	TTX/CAPTION-CVBS	1.19[V]
48	GND	GND	-
49	GND	GND	-
50	N.C	N.C	-
51	AN-LINK	NOT USE	-
52	N.C	N.C	-
53	GND	GND	-
54	N.C	N.C	-
55	N.C	N.C	-
56	GND	GND	-
57	N.C	N.C	-
58	OSD-TTX-R	ON SCREEN DISPLAY RED	168[mV]
59	GND	GND	-
60	OSD-TTX-G	ON SCREEN DISPLAY GREEN	0.46[V]
61	WP	WRITE PROTECT	-
62	OSD-TTX-B	ON SCREEN DISPLAY BLUE	0.46[V]
63	3.3[V]	3.3[V]	3.26[V]
64	OSD-TTX-FB	OSD/TTX-FB	7.31[mV]

4-9-3 PROSCAN MODULE Pins

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	EW	EAST WEST OUT	2.26[V]
2	V-BLK	VERTICAL BLANK	-12.07[mV]
3	ABL	ABL(Automatic Brightness Limiter)	2.26[V]
4	VD-	VERTICAL DRIVE(-VOLTAGE)	3.46[V]
5	VD+	VERTICAL DRIVE(+VOLTAGE)	3.53[V[
6	H-BLK	HORIZONTAL BLANK	215.93[mV]
7	HD	HORIZONTAL DRIVE	2.38[V]
8	GND	GND	-
9	OSD/TTX-FB	OSD/TTX-FB	7.29[mV]
10	OSD/TTX-B	ON SCREEN DISPLAY BLUE IN	0.46[mV]
11	OSD/TTX-G	ON SCREEN DISPLAY GREEN IN	0.46[mV]
12	OSD/TTX-R	ON SCREEN DISPLAY RED IN	167.99[mV]
13	V-RESET	VIDEO RESET	2.94[mV]
14	GND	GND	-
15	SCL1	SERIAL CLOCK LINE	3.42[V]
16	SDA1	SERIAL DATA LINE	3.50[V]
17	N.C	N.C	-
18	COMP	COMP	27.28[mV]
19	GND	GND	-
20	CG-R	CONVERGENCE RED	0.27[mV]
21	CG-G	CONVERGENCE GREEN	0.27[mV]
22	CG-B	CONVERGENCE BLUE	0.29[mV]
23	CG-SYNC	CONVERGENCE SYNC	180.03[mV]
24	D/F	DYNAMIC FOCUS	1.5[V]
25	GND	GND	-
26	9[V]	9[V]	9[V]
27	N.C	N.C	-
28	N.C	N.C	-
29	N.C	N.C	-
30	N.C	N.C	-
31	GND	GND	-
32	13.5[V]	13.5[V]	14.05[V]

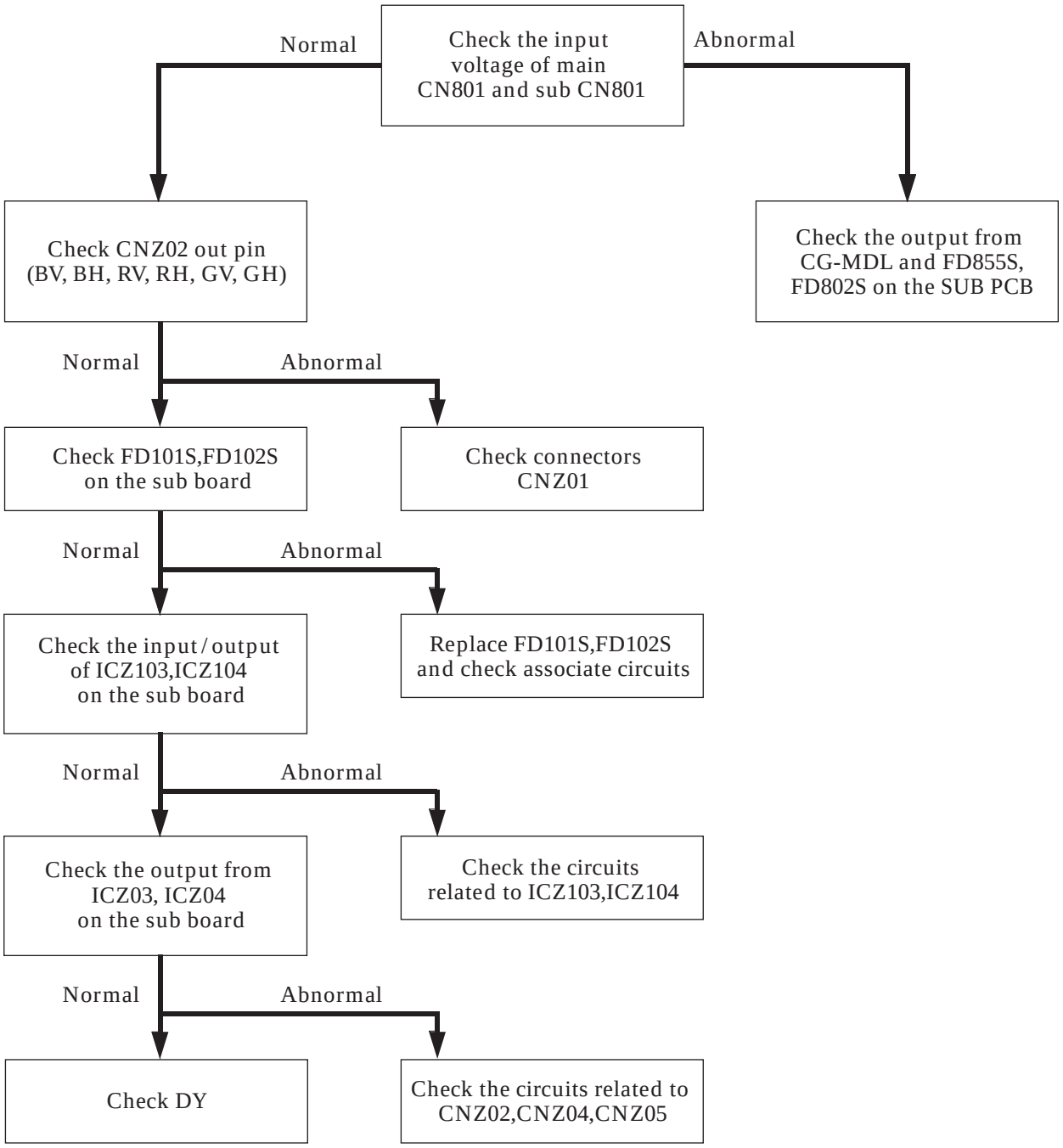
PIN NO.	ITEM	FUNCTION	OUT VOLT
33	5[V]-DW1	5[V]-DW1	4.97[V]
34	VM-Y	VM-Y OUTPUT	1.97[V]
35	SW3	SW3(CONTROL)	4.98[mV]
36	SW2	SW2(CONTROL)	2.08[V]
37	N.C	N.C	-
38	GND	GND	-
39	PIP-C	PIP-C INPUT	1.20[mV]
40	PIP-Y CVBS	PIP-Y/CVBS INPUT	1.33[mV]
41	GND	GND	-
42	MAIN-C	MAIN-C INPUT	1.34[mV]
43	MAIN-Y CVBS	MAIN-Y/CVBS INPUT	1.57[mV]
44	N.C	N.C	-
45	GND	GND	-
46	N.C	N.C	-
47	GND	GND	-
48	RF2-CVBS	RF2-CVBS	-
49	DVD-Pr/R	DVD-Pr/R(SCART)	-
50	DVD-Y/G	DVD-Y/G(SCART)	-
51	DVD-Pb/B	DVD-Pb/B(SCART)	-
52	FB	FB(SCART)	-
53	GND	GND	-
54	N.C	N.C	-
55	N.C	N.C	-
56	N.C	N.C	-
57	GND	GND	-
58	DVD-Pr	DVD-Pr	-
59	DVD-Y	DVD-Y	-
60	DVD-Pb	DVD-Pb	-
61	GND	GND	-
62	5[V]-DW2	5[V]-DW2	4.89[V]
63	N.C	N.C	-
64	N.C	N.C	-

4-9-4 CONVERGENCE MODULE Pins

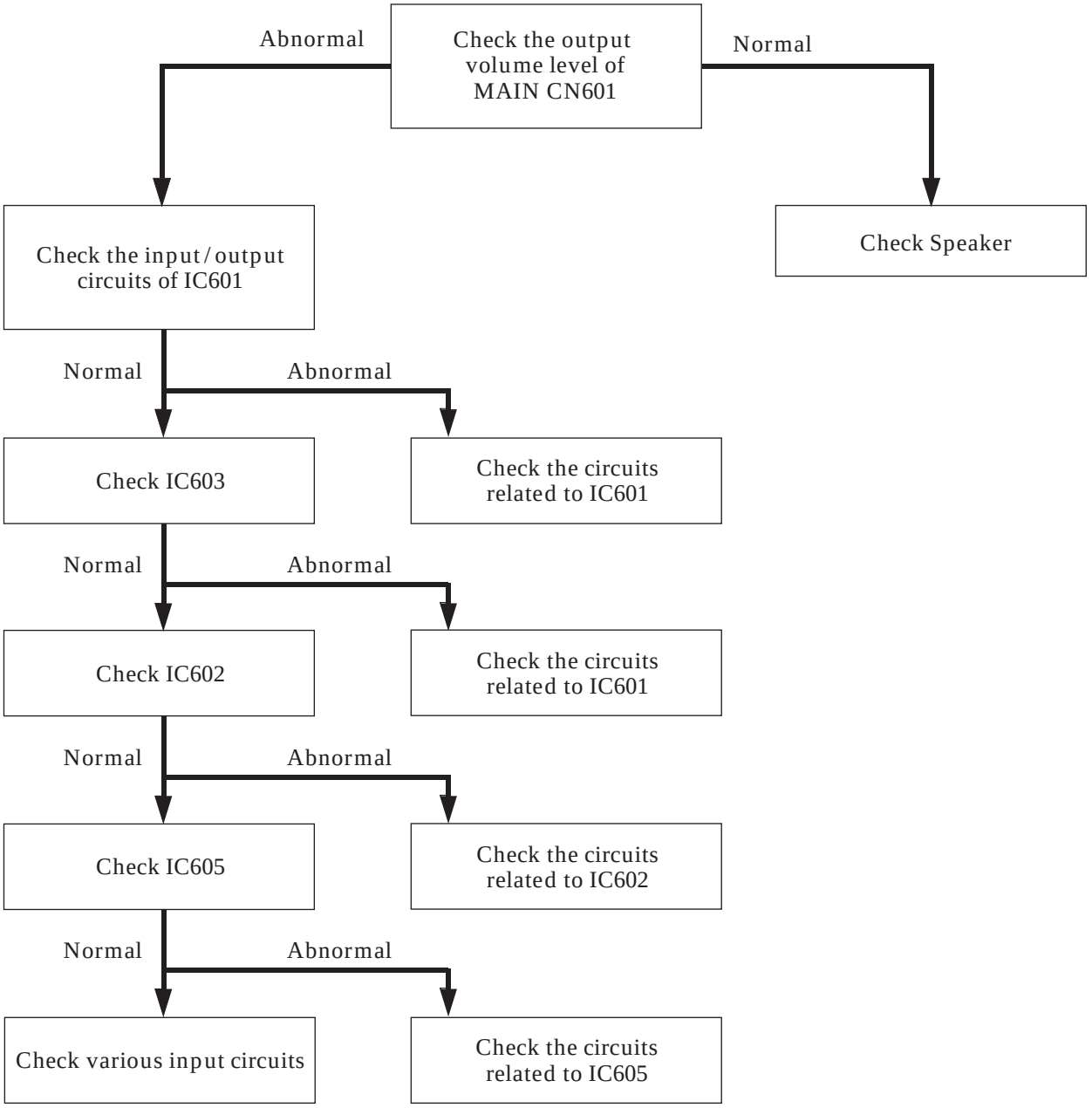
PIN NO.	ITEM	FUNCTION	OUT VOLT
1	5[V]-CG	5[V]-CG	5.2[V]
2	GND	GND	-
3	D/F	DYNAMIC FOCUS	1.5[V]
4	GND	GND	-
5	SCL1	SERIAL CLOCK LINE1	3.4[V]
6	CG-SYNC	CONVERGENCE SYNC	179[mV]
7	GND	GND	-
8	N.C	N.C	5.2[V]
9	CG-R	CONVERGENCE RED	0.27[mV]
10	CG-G	CONVERGENCE GREEN	0.26[mV]
11	CG-B	CONVERGENCE BLUE	0.29[mV]
12	SDA1	SERIAL DATA LINE1	3.5[V]
13	N.C	N.C	-
14	IR	INPUT REMOCON	3.7[V]
15	N.C	N.C	-
16	GND	GND	-
17	GND	GND	-
18	GND	GND	-
19	BV	BLUE VERTICAL OUT	34.27[mV]
20	BH	BLUE HORIZONTAL OUT	-107.32[mV]
21	GV	GREEN VERTICAL OUT	101.52[mV]
22	GH	GREEN HORIZONTAL OUT	-15.83[mV]
23	RV	RED VERTICAL OUT	104.32[mV]
24	RH	RED HORIZONTAL OUT	-88.95[mV]
25	GND	GND	-
26	H-BLK	HORIZONTAL BLANK	275[mV]
27	V-BLK	VERTICAL BLANK	-13.22[mV]
28	GND	GND	-
29	N.C	N.C	-
30	-5[V]	-5[V]	-4.99[V]
31	5[V]	5[V]	5.24[V]
32	GND	GND	-

5. Troubleshooting

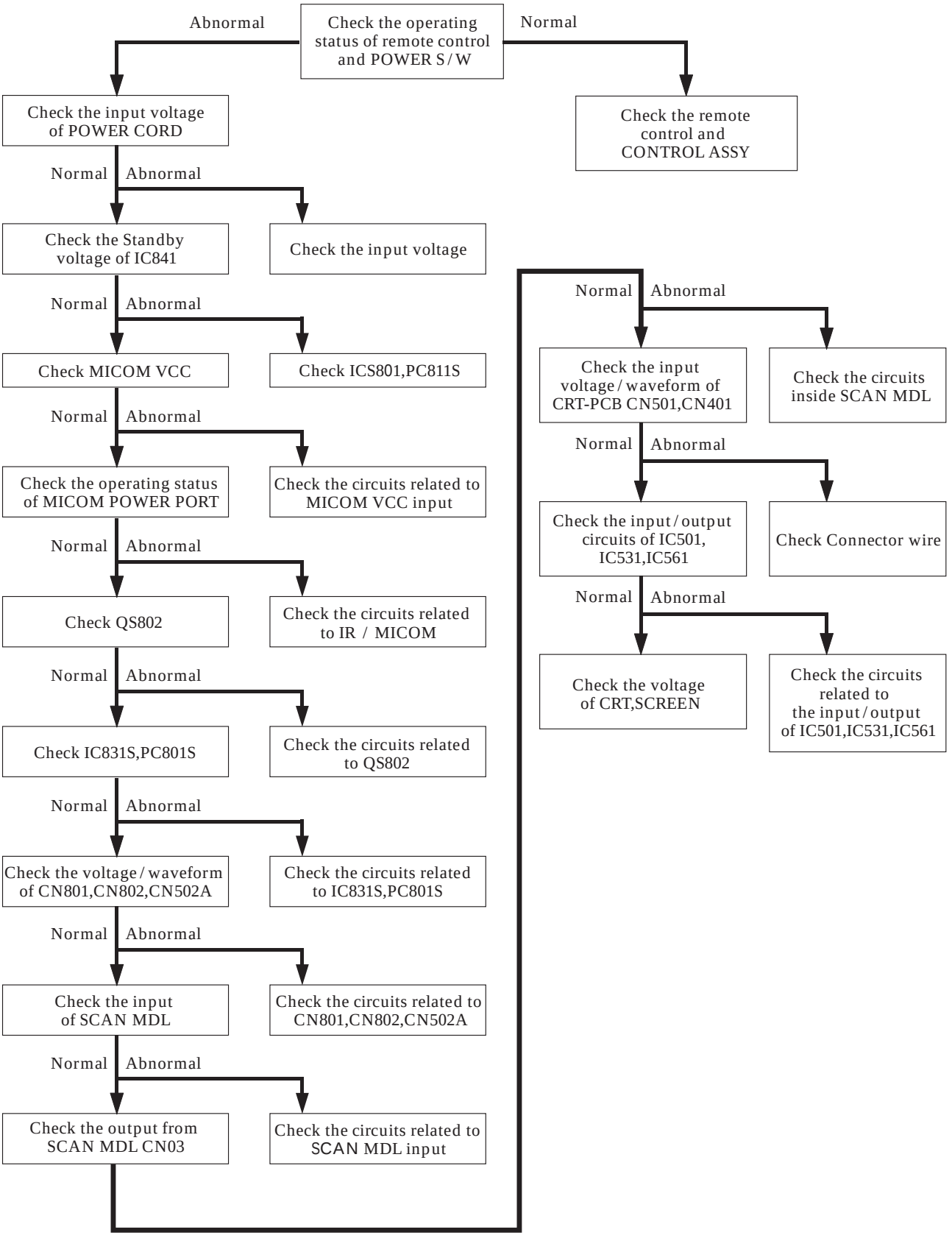
5-1 Convergence Misaligned


Check the input voltage of main CN801 and sub CN801
Normal
Abnormal
Check CNZ02 out pin (BV, BH, RV, RH, GV, GH)
Check the output from CG-MDL and FD855S, FD802S on the SUB PCB
Normal
Abnormal
Check FD101S,FD102S on the sub board
Check connectors CNZ01
Normal
Abnormal
Check the input/output of ICZ103,ICZ104 on the sub board
Replace FD101S,FD102S and check associate circuits
Normal
Abnormal
Check the output from ICZ03, ICZ04 on the sub board
Check the circuits related to ICZ103,ICZ104
Normal
Abnormal
Check DY
Check the circuits related to CNZ02,CNZ04,CNZ05

5-2 No Sound


Check the output volume level of MAIN CN601
Abnormal
Normal
Check the input / output circuits of IC601
Check Speaker
Normal
Abnormal
Check IC603
Check the circuits related to IC601
Normal
Abnormal
Check IC602
Check the circuits related to IC601
Normal
Abnormal
Check IC605
Check the circuits related to IC602
Normal
Abnormal
Check various input circuits
Check the circuits related to IC605

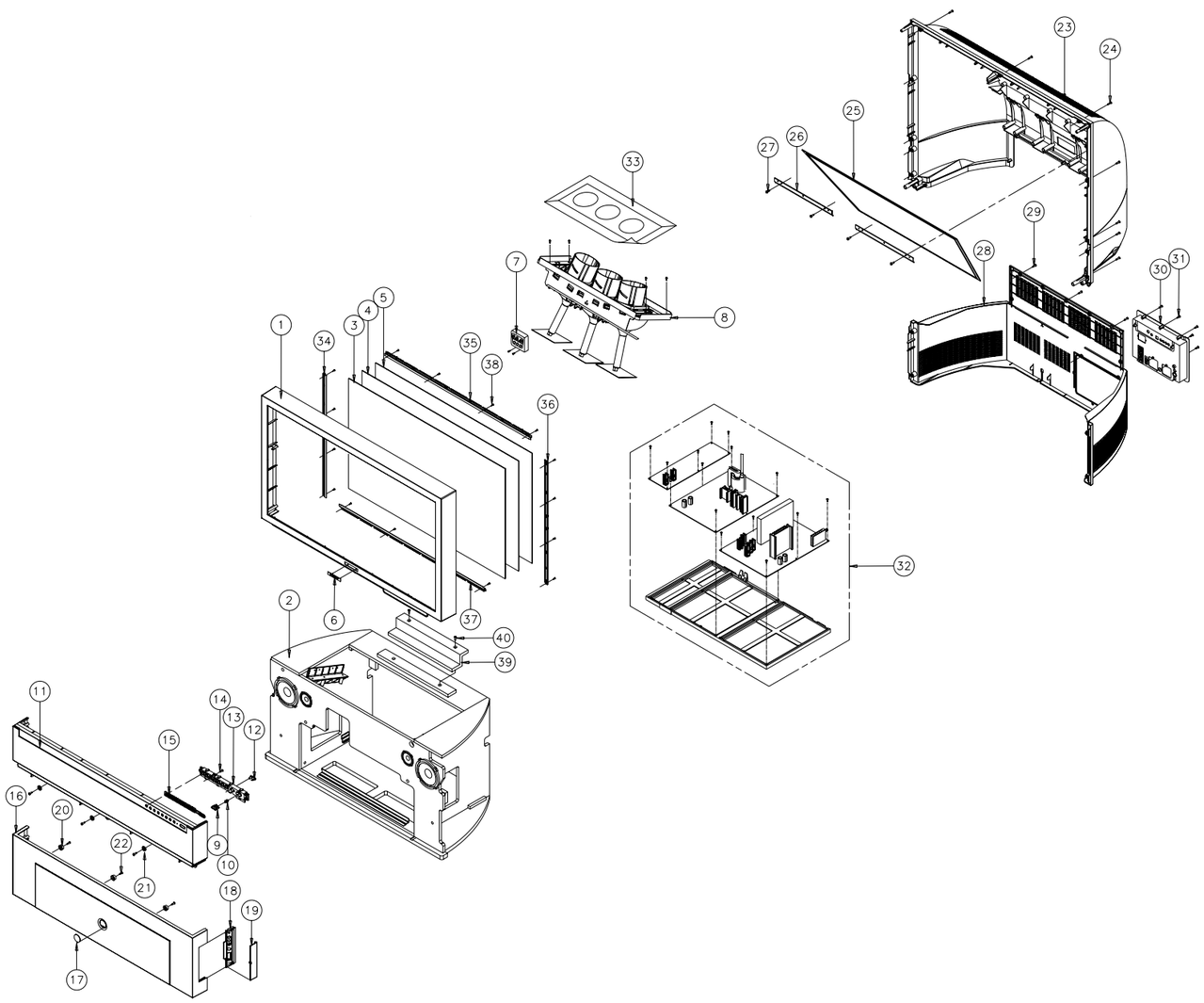
5-3 No Raster


Check the operating status of remote control and POWER S/W
Abnormal
Normal
Check the input voltage of POWER CORD
Check the remote control and CONTROL ASSY
Normal
Abnormal
Check the Standby voltage of IC841
Check the input voltage
Normal
Abnormal
Check MICOM VCC
Check ICS801,PC811S
Normal
Abnormal
Check the operating status of MICOM POWER PORT
Check the circuits related to MICOM VCC input
Normal
Abnormal
Check QS802
Check the circuits related to IR / MICOM
Normal
Abnormal
Check IC831S,PC801S
Check the circuits related to QS802
Normal
Abnormal
Check the voltage/waveform of CN801,CN802,CN502A
Check the circuits related to IC831S,PC801S
Normal
Abnormal
Check the input of SCAN MDL
Check the circuits related to CN801,CN802,CN502A
Normal
Abnormal
Check the output from SCAN MDL CN03
Check the circuits related to SCAN MDL input
Normal
Abnormal
Check the input voltage/waveform of CRT-PCB CN501,CN401
Check the circuits inside SCAN MDL
Normal
Abnormal
Check the input/output circuits of IC501, IC531,IC561
Check Connector wire
Normal
Abnormal
Check the voltage of CRT,SCREEN
Check the circuits related to the input/output of IC501,IC531,IC561

MEMO

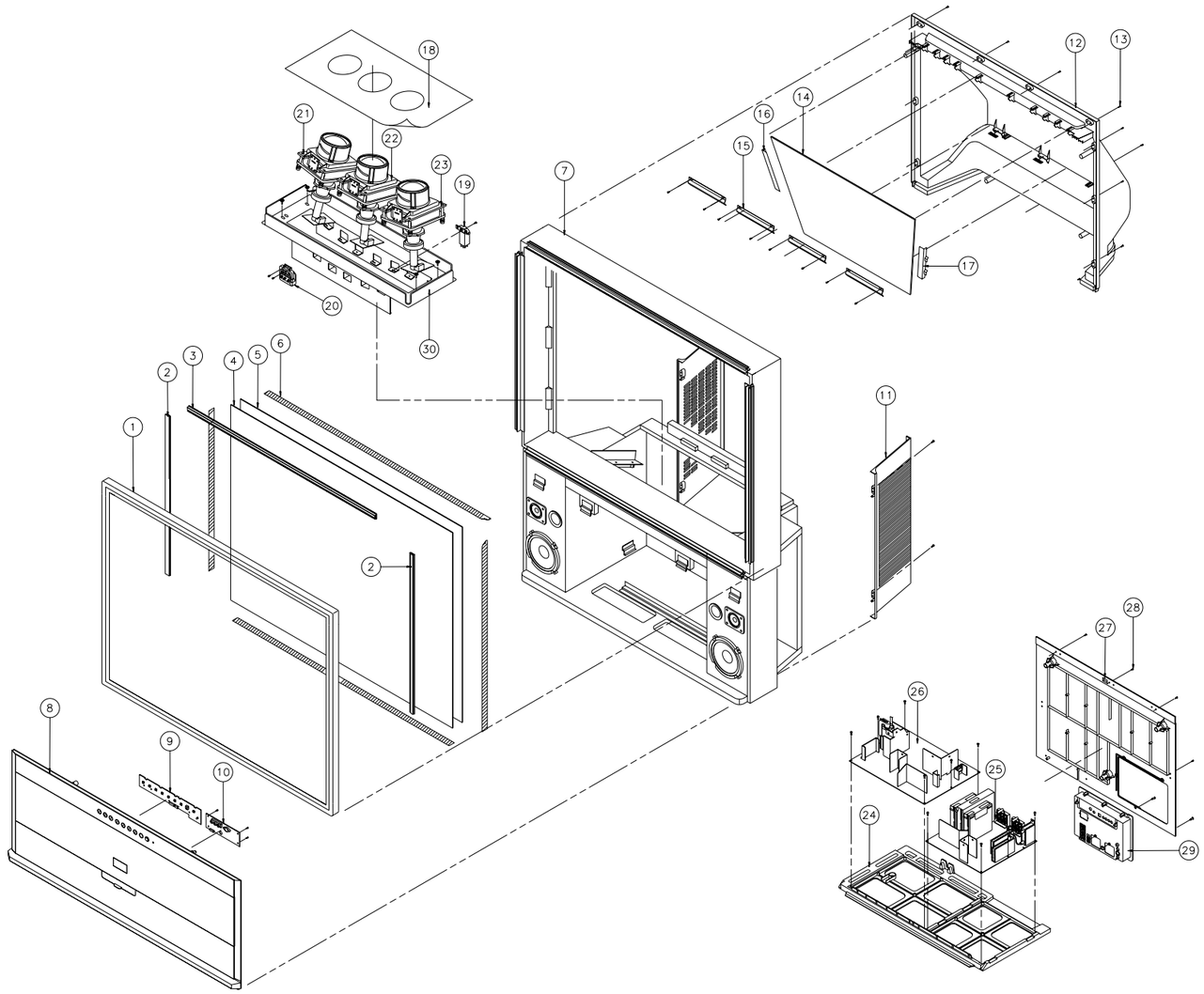
6. Exploded View & Parts List

6-1 SP42W4HPX/XEF



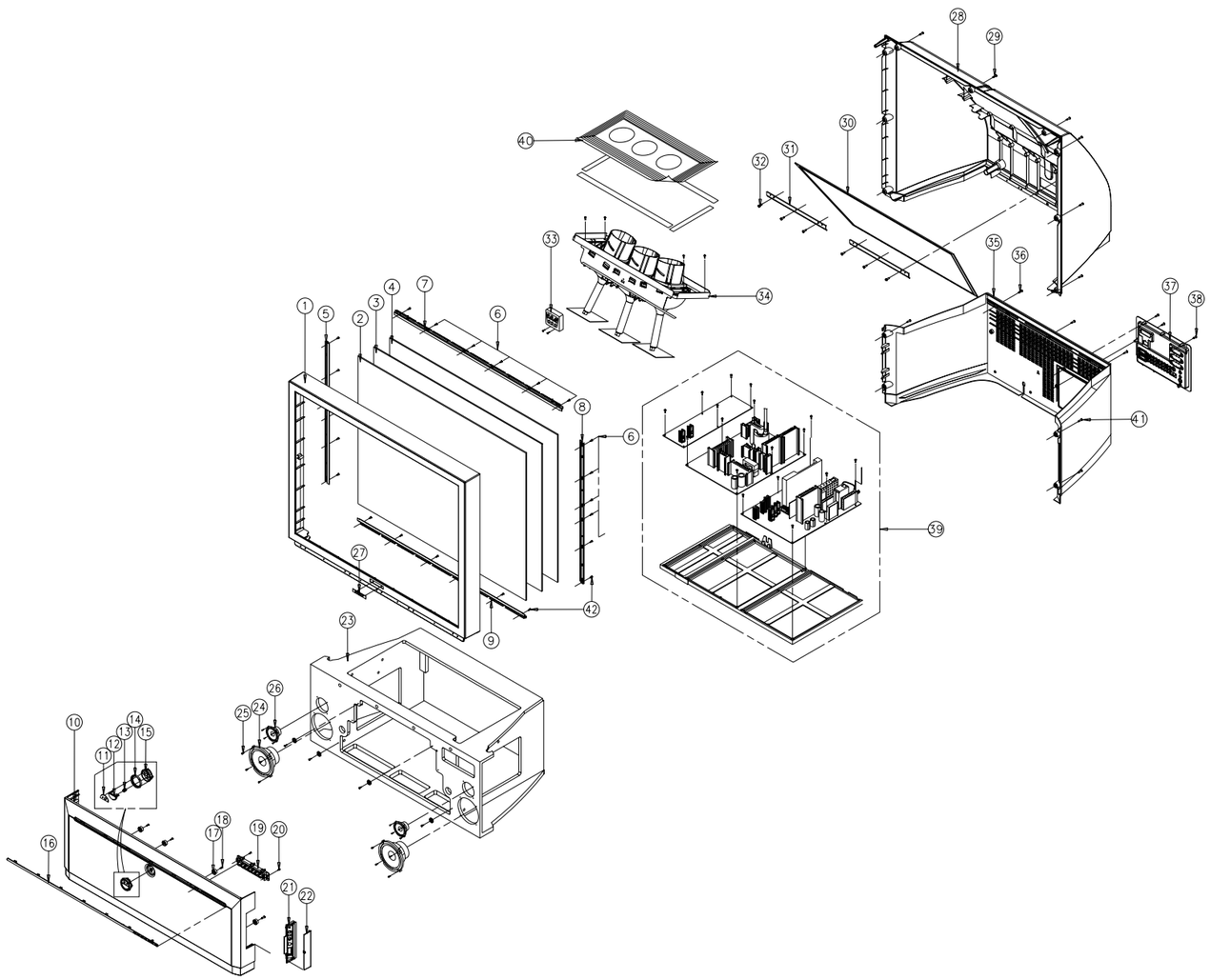
No	Code No	Description;Specification	Q'ty	Remark	S.N.A
1		ASSY-FRONT,MASK;,HIPS HB,G4309,SVM1132,4	1		
2		ASSY PRT;SP42W5HFX/XEO,J52A	1		
3		ASSY-CABINET,WOOD;,WOOD,MIJU,42W5	1		S.N.A
4		SUN-SCREEN	1		
5		SCREEN-TINT;42W,958*550,T=0.7,P=052	1		
6		SCREEN FRESNEL;42W,960*552,T=2.0	1		
7		MODULE-FOCUS PACK ASS'Y;PJT TV,F301-P03A	1		
8		BADGE-BRAND;72MM,AL FORGING,SVM1132,SAMS	1		S.N.A
9		KNOB-POWER;42W5,ABS,HB,G3676,COT	1		
10		SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	1		S.N.A
11		CABINET-PANEL,CONTROL;42W5,HIPS,HB,G4309	1		S.N.A
12		WINDOW-RMC,LED;42W5,PC,CLR	1		S.N.A
13		KNOB-CONTROL;42W5,ABS,HB,G3676,COT	1		
14		PCB-CONTROL;			
15		GUIDE-KNOB,CONTROL;42W5,ABS HB,G3676,SVM	1		S.N.A
16		CABINET-FRONT,BOT;42W5,HIPS,HB,G4309,SVM	1		
17		BADGE-DECORATION;42W5,AL,NI,RS	1		
18		HOLDER-SIDE,A/V;42W5,ABS HB,G3676,SV-704	1		S.N.A
19		DOOR-AV;42W5,ABS HB,G3676,SV-704P	1		
20		VELCRO-A;COMMANDO,BST1 1/4H	3		S.N.A
20		VELCRO-A;COMMANDO,BST1 1/4H	1		S.N.A
21		VELCRO-B;COMMANDO,BST1 1/4H	1		S.N.A
21		VELCRO-B;COMMANDO,BST1 1/4H	3		S.N.A
22		SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1		S.N.A
24		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	7		S.N.A
25		MIRROR-FRONT;42W5,FSM,870*633*446	1		
26		BRACKET-MIRROR,ASSY;42W5,SECC,T1.0,01123	2		
27		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4		S.N.A
28		CABINET-BACK,TOP;42W5,HIPS,HB,G4309	1		
29		SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	3		S.N.A
30		ASSY COVER P-TERMINAL ANT;SP43T6HPX/SAP,	1		
31		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	2		
32		ASSY CHASSIS;SP42W5HPX/SAP,J54A	1		
33		SPACER-COVER,DUST;43,54,62J9,SPONGE 94HF	1		
34		BRACKET-SCREEN,ASSY(R);42W5,SECC,T1.0,SC	1		
35		BRACKET-SCREEN,ASSY(TOP);42W5,SECC,T1.0,	1		
36		BRACKET-SCREEN,ASSY(L);42W5,SECC,T1.0,SC	1		
37		BRACKET-SCREEN,ASSY(BOT);42W5,SECC,T1.0,	1		S.N.A
38		SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	20		S.N.A
39		INLAY-SUPPORT;42W5,PS SHEET,T0.5,94V0	1		S.N.A
40		SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	2		S.N.A

6-2 SP43T6HPX/SMA



No	Code No	Description;Specification	Q'ty	Remark	S.N.A
1	AA64-02267L	CABINET-MASK;43T6HP,HIPS,HB,GRAY,SV-012P	1		
2	AA60-00069D	SPACER-SCREEN;43,53,61J8,ABS,-,-,-,BLK,-	1		
3	AA60-00069E	SPACER-SCREEN;43,53,61J8,ABS,-,-,-,BLK,-	2		
4		SUN SCREEN	1		
5	AA67-00195A	SCREEN-TINT;43,908*690,P,DNP	1		
6	AA67-00115B	SCREEN FRESNEL;43N,910*692,T2	1		
7		ASSY-WOOD,TOP;,WOOD SDE8336R,43T6SR	1		
8		ASSY-WOOD,BOT;,WOOD SDE8336R,SP-43T6HF	1		S.N.A
9	AA91-00771P	ASSY CABINET BOT;DP,HIPS HB GaRAY,SV012P+	1		
10	BP94-00318A	ASSY PCB MISC-CONTROL;DP,SP43T6HPS/SMA,J	1		
11	BP94-00305A	ASSY PCB MISC-FRONT A/V;DP,SP43T6HPS/SMA	1		
12	AA64-01385B	CABINET-BACK,SIDE;43,54,62J8,HIPS,-,-,-,	2		
13	AA61-01127A	HOLDER-CHASSIS;COMMANDO,HIPS V0,G4309	1		
14	BP94-00033A	ASSY PCB MAIN;SP43T6HPX/SAP,J54A	1		
15		ASSY PCB POWER;SP43T6HFX/SAP,J52A,	1		
16		ASSY SUB-PCB,SUB AMP;SP43T6HF,J52A,AA95-	1		
17	AA64-01852B	CABINET-BACK,TOP;DP,43J8,HB,AA64-01378B	1		
18	6005-001003	SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	27		
19	AA67-00079B	MIRROR-BACK;DP,43J8,GLASS,812*580*542(31	1		
20	AA91-00489B	ASSY-BRKT,MIRROR;-,-,SECC-1 T1.0,54J8	1		
21	AA91-00886A	ASSY-HOLDER,MIRROR(R);,HIPS HB BLK,INLAY	1		
22	AA91-00886B	ASSY-HOLDER,MIRROR(L);,HIPS HB BLK,INLAY	1		
23	BP26-00004A	TRANS FBT-H/V DISTRIBUTOR;FUW50A002B,PJC	1		
24	BP59-00005A	MODULE-FOCUS PACK ASS'Y;PJT TV,F301-P03A	1		
25	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	1		
26	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE 94HF	1		
27	BP91-00456A	ASSY CPT-R;SP43T6HPX/SAP,J54A	1		
28	BP91-00457A	ASSY CPT-G;SP43T6HPX/SAP,J54A	1		
29	BP91-00458A	ASSY CPT-B;SP43T6HPX/SAP,J54A	1		
30	AA64-02266B	CABINET-BACK,BOT;PJTV,HIPS,HB,BLK,P55A	1		
31	6005-001003	SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	9		S.N.A
32	AA64-02840A	INLAY-TERMINAL;COMMANDO,PS SHEET,T0.5,BL	1		

6-3 SP43T7HPX/XEC



No	Code No	Description;Specification	Q'ty	Remark	S.N.A
1		ASSY COVER P-CABINET,MASK;SP-43T7HF,HIPS	1		
2		SCREEN FRESNEL;43N,910*692,T2	1		
3		SUN SCREEN-AG;43J8,910*692*2,T=82%,G=110			
4		SCREEN-TINT;43,908*690,P,DNP	1		
5		BRACKET-SCREEN,RIGHT;43T7,SECC,T1.0	1		S.N.A
6		SCREW-SPECIAL;BH,+,-,M4,L12(11),ZPC(BLK)	20		
7		BRACKET-SCREEN,TOP;43T7,SECC,T1.0	1		S.N.A
8		BRACKET-SCREEN,LEFT;43T7,SECC,T1.0	1		S.N.A
9		BRACKET-SCREEN,BOT;43T7,SECC,T1.0	1		S.N.A
10		ASSY COVER P-FRONT,BOT;43T7,HIPS HB,G766	1		
11		WINDOW-LED;43T7,PMMA,T3.0	1		S.N.A
12		KNOB-POWER;43T7,ABS,HB,G3676,CIS	1		
13		SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	1		S.N.A
14		HOLDER-POWER,RMC;43T7,ABS HB,G3676,CR-CO	1		S.N.A
15		WINDOW-RMC;43T7,PC,CLR	1		S.N.A
16		COVER-DECORATION;43T7,ABS,HB,WHT,SVM6145	1		S.N.A
17		VELCRO-A;COMMANDO,BST1 1/4H	4		S.N.A
18		SCREW-TAPTITE;RH,+,B,M3,L15,ZPC(YEL),SWR	4		S.N.A
19		KNOB-CONTROL;43T7,ABS,HB,G3676,SILVER	1		
20		SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	2		S.N.A
21		HOLDER-SIDE,A/V;43T7,ABS HB,G3676,SVM-11	1		S.N.A
22		DOOR-AV;43T7,ABS HB,G3676,SVM-1132	1		
23		ASSY COVER P-CABINET,WOOD;SVP-43T7HR,WOO	1		
24		SPEAKER;30W,8OHM,91DB,20HZ	2		
25		SCREW-WOOD;-,SWRCH18A,M4,L16,PH,+,-,-,ZP	12		S.N.A
26		SPEAKER;20W,8OHM,95DB,1300HZ	2		
27		BADGE-BRAND;72MM,AL FORGING,SVM1132,SAMS	1		S.N.A
28		CABINET-BACK,TOP;43T7,HIPS,HB,G4309	1		
29		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	9		S.N.A
30		MIRROR-BACK;43T7,SSM,795*569*554*(78)	1		
31		BRACKET-MIRROR,ASSY;42W5,SECC,T1.0,01123	2		
32		SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	6		S.N.A
33		TRANS FBT-H/V DISTRIBUTOR;FWZ50A001E/FFA	1		
34		BRACKET-CRT,MAIN;54,SECC,T1.6,-,-,-,-	1		
35		CABINET-BACK,BOT;43T7,HIPS,HB,G4309	1		
36		SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	3		S.N.A
37		ASSY COVER P-TERMINAL,ANT;SP43T7HF,HIPS	1		S.N.A
38		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	3		S.N.A
39		ASSY CHASSIS;SP43T7HFX/XEO,J54A,C2.0	1		S.N.A
40		SPACER-COVER,DUST;43T7,SPONGE 94HF-1,T3.	1		S.N.A
41		SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4		S.N.A
42		SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	4		S.N.A

7. Electrical Parts List

7-1 SP42W4HPX/XEF

Loc. No.	Code No.	Description ; Specification	Remark
		ASSY PCB MISC-CRT PCB	
1	BP94-00232A	ASSY PCB MISC-CRT PCB;DP,SP42W5HPS/XEU,J	
2	AA59-00171A	MODULE-FOCUS,PACK;SVP-5200,S300-P3,-,-,-	
2	AA39-20577B	LEAD CONNECTOR ASSY;P54A/SVP-55W3HD,UL16	
		ASSY PCB MISC-A/V FRONT	
1	BP94-00193A	ASSY PCB MISC-A/V FRONT;DP,SP42W5HPS/XEU	
1	AA95-01841C	ASSY SUB-PCB,SENSOR;DP,PCL545R,P54A,AA95	
1	BP94-00238A	ASSY PCB MISC-VM;DP,HCM4215W3S/XAA,P55A	
1	AA96-20130A	ASSY-POWER,CORD;-,CP2/NO(4.0R),H/C150,KJ	
		ASSY-CABINET,WOOD	
1	BP91-00005E	ASSY-CABINET,WOOD;WOOD,42W4	
2	AA61-00094C	HOLDER-RAIL;PCJ533R,ABS,-,-,-,BLK,HB,480	
2	AA61-00097A	HOLDER-WIRE;-,NYLON 6/6,-,-,-,NTR,-	
2	AA61-00616B	HOLDER-CRT,MAIN;54J7,DP,-,-,-,-,AA61-005	
2	BP61-00075A	HOLDER-JERSEY,ASSY;W3,ABS V0,GRAY,63-000	
2	AA61-00533B	BRACKET-GRILLE;43,54,62J8,SECC-1 ,T0.5,-	
2	BP61-00019A	HOLDER-PALLET;42W5,HIPS HB,BLK	
2	AA64-02724A	CABINET-WOOD;42W5,WOOD,SDE8336R	
2	AA60-10051A	SCREW-WOOD;-,SWRCH18A,M4,L16,PH,+,-,-,ZP	
2	AA98-01574A	ASSY K/D-SPEAKER;SP42W5HFS/XEF,J52A	
3	3001-001107	SPEAKER;20W,8ohm,95dB,1300Hz	
3	3001-000279	SPEAKER;30W,8OHM,91DB,20HZ	
3	AA39-00086A	LEAD CONNECTOR-ASSY;,2.2UF,REC,REC,200MM	
3	AA98-00049B	ASSY-LEAD,CON;-,LEAD-CON,CORE,AA39-20505	
2	BP61-00035A	BRACKET-GRILLE;42W5,SECC-1,T1.0	
2	AA61-10247A	BRACKET-FOCUS;S46DS,SECC,T1.0,-,-,-,-	
2	AA60-10051B	SCREW-WOOD;-,SWRCH18A,M3.5,L11,RH,+,-,-	
		ASSY COVER P	
1	BP96-00013C	ASSY COVER P;,ABS	
2	AA64-02727P	CABINET-FRONT,MASK TOP;42W4,HIPS,HB,G430	
2	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	
2	AA64-02211E	BADGE-BRAND;72MM,AL FORGING,SVM1132,SAMS	
2	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
		ASSY COVER P-C/FRONT	
1	BP96-00014A	ASSY COVER P-C/FRONT,BOT;DP,42W5,HIPS HB	
2	AA64-02725A	CABINET-FRONT,BOT;42W5,HIPS,HB,G4309,SVM	
2	AA64-02743A	BADGE-DECORATION;42W5,AL,NI	
2	BP73-00001A	RUBBER-SHEET;42W5,NBB RUBBER,GRAY,10*20	
2	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	
2	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
		ASSY K/D-PANNEL,CONTROL	

Loc. No.	Code No.	Description ; Specification	Remark
1	BP98-00090F	ASSY K/D-PANNEL,CONTROL;SP42W5HPS/XEF,J5	
2	BP64-00101A	CABINET-PANEL,CONTROL;DP,42W4,HB,G4309	
2	BP64-00077A	KNOB POWER;42W4,HB,G3676,42W4,ABS HB G36	
2	AA61-60003J	SPRING-CS;-,SUS304,-,-,OD6,	
2	BP64-00078A	WINDOW REMOCON-LED;42W4,PC,42W4,PC,CLEAR	
2	BP64-00102A	KNOB CONTROL;DP,42W4,ABS,HB,G3676	
2	BP61-00139A	GUIDE-KNOB CONTROL;42W4,DP,ABS,HB,G3676	
2	BP94-00314A	ASSY PCB MISC-CONTROL;SP42W4HPS/XEF,J54A	
2	AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,-,NTR,DAFC-25	
2	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	
2	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	
2	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
2	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
1	BP64-00008E	CABINET-BACK,BOT;DP,42W5,AA64-02729C 19.	
1	BP64-00009A	CABINET-BACK,TOP;DP,42W5,AA64-02728A 38.	
1	AA40-00050A	TUNER;TCLW3101PD18A(S),TCLW3101PD18A(S),	
1	AA40-00051A	TUNER;TCPW3001PC18B(S),TCPW3001PC18B(S),	
1	AA39-30007A	IF-CABLE;-,T,100mm,1365#26	
1	AA67-00204C	MIRROR-FRONT;DP,42W5,FSM,870*633*446	
1	BP61-00012A	BRACKET-MIRROR;DP,42W5,AA61-01123A,11.8K	
1	BP61-00123A	BRACKET-SCREEN,TB;DP,42W5,SECC,T1.0,BP61	
1	BP61-00124A	BRACKET-SCREEN,RL;DP,42W5,SECC,T1.0,BP61	
1	AA61-00617B	BRACKET-CRT,MAIN;DP,54J7,AA61-00475B	
1	AA67-00193A	SCREEN-TINT;42W,958*550,T=0.73,P=052	
1	AA67-00193B	SCREEN-FRESNEL;42W,960*552,T=2.0	
1	BP39-00009A	LEAD CONNECTOR ASSY;P54A/SVP-42W5,UL2547	
1	BP39-00047A	LEAD CONNECTOR;P55A/HCM4215W,UL2547#26,U	
1	BP96-00077G	ASSY COVER P-TERMINAL,ANT;DP,42W5,HIPS,V	
1	BP26-00004A	TRANS FBT;FUW50A002B,PJCPT,31KV,BK,35KV	
1	AA61-00049B	HOLDER-BOX;-,PP,-,-,-,NTR,V0,AA61-20285A	
1	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	
1	AA64-60449B	INLAY-COVER;SP-434JMF,PS,T0.5,149.3X69.5	
1	BP64-00029A	INLAY-SUPPORT;42W5,PS SHEET,T0.5,94V0	
1	AA65-30013A	CLAMP-WIRE;-,NYLON-6	
1	AA65-30018A	CLAMP-WIRE;DONG-A,NYLON-66,-,-,-,DATL-60	
1	AA65-30104C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,-,NTR,W	
1	AA65-30008A	CLAMP-CORD;-,PE,HB,-,BLK,-	
1	BP61-00052A	HOLDER-WIRE;PJTV,NYLON,66,NATURAL	
1	6003-001022	SCREW-TAPTITE;RH,+,B,M3,L12,ZPC(BLK),SWR	
1	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK)	
1	AA60-10011A	SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	
1	6005-001003	SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	
1	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	
1	AA63-00533A	SHEET;,LDPE 1.0+HDPE 0.015,1000,WHT	
1	6006-001094	SCREW-ASS'Y WOOD;WW,HH,+,M7,L32,ZPC(YEL)	
1	0201-001059	ADHESIVE-SIL;#9590,WHT,-,CARTRIGE	
1	0203-001329	TAPE-OPP MASKING;ANT-300P,T0.07,W15.0,L5	
1	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE 94HF	
1	BP73-00004A	RUBBER-CAP;42W5,SILICONE,WHT,RUBBER	
1	AA69-01678A	PACKING-COVER,BOT;42W5,H-3 AB,C3,YEL,910	
1	BP69-00019D	PACKING CASE-OUT;42W4,H-3 YEL,C3,SESA	
1	AA69-01651A	CUSHION-SET;42W5,PS FOAMED,C=0.02	
1	BP59-00008A	REMOCON;,TM65A,COMMOANDO,J54A,49,L/GRAY,	
1	BP68-00040A	MANUAL USERS;SP42W5HP,FRE,W/P100G,J54A,B	
1	6801-001016	CARD REGISTRATION;XEF,FRENCH,MOJO100,L15	
1	AA39-00006A	CABLE-RCA;-,RCA,3000MM,0.12/10,RED/WHT/Y	
1	4301-000115	BATTERY-ALKALINE;1.5V,750mAH,AAA,10.	
1	AA68-50509A	LABEL-BOX;A/P 90(G),ALL MODEL,-,WHT,L250	
1	AA68-00344A	LABEL-TRANSFER BOX;-,TF-53B	
1	AA68-00341A	LABEL-RATING;-,TF53B5DF,-,SILVER,5	
1	AC68-00347A	LABEL-TRANSFER RATING;ALTA RESISTENCI	
1	AA68-00340A	LABEL-WARRANTY;-,-,-,WHT,75MM,20	
1	AA68-00345A	LABEL-TRANSFER WARRANTY;-,TF-53B5D	
1	AA69-00862A	BAG PE;-,HDPE PE FOAM,T0.03,W400,H240	

Loc. No.	Code No.	Description ; Specification	Remark
1	AA69-00744L	BAG-SHEET;-,HDPE PE FOAM,T0.015,W1650,H1	
1	AA63-10002A	BAND-TIE;-,NYLON66 V2,-,-,L100,NTR,-	
1	AA63-10007C	BAND-PP;-,-,-,W18,-,CLEAR,1G	
1	0203-000402	TAPE-KRAFT;KRAFT,T0.17,W18,L50,BLK	
1	AA68-02415A	CARD-RTF;COLORIT 54 CREMA,MOJO80G,SPA,A	
1	AA02-00022A	TAPE ETC;SESA,T0.3,75,132,BLK	
1	BP94-00239A	ASSY PCB MISC-DY-JACK;DP,HCM4215W3S/XAA,	
1	AA68-00971A	LABEL-BACK,DOLBY;,T/P ,75,35,BLACK,VIRTU	
1	AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
1	AA65-30110A	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,-,BLK,P	
1	AA65-00020A	CLAMP CORE-WIRE;55W9,NYLON 66	
1	AA69-01876A	PALLET;ALL MODEL,WOOD,600,1200,120	
1	AA61-00618C	GUIDE-FLOW;54J8,J7,ABS,IVORY,V0	
1	BP91-00453A	ASSY CPT-R;SP42W5HPX/XEU,J54A,CRT-R ASSY	
1	BP91-00454A	ASSY CPT-G;SP42W5HPX/XEU,J54A,CRT-G ASSY	
1	BP91-00455A	ASSY CPT-B;SP42W5HPX/XEU,J54A,CRT-B ASSY	
1	BP91-00336A	ASSY CHASSIS;SP42W4HPS/XEF,J54A	

Loc. No.	Code No.	Description ; Specification	Remark

7-2 SP43T6HPX/SMA

ASSY MISC-SKD LIST

Loc. No.	Code No.	Description ; Specification	Remark
1	BP91-00789A	ASSY MISC-SKD LIST;SP43T6HPX/SMA	
2	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE 94HF	
2	0203-000367	TAPE-CELLULOSE;#430,-,W19,L25,CLR	
2	0203-001096	TAPE-CELLULOSE;#301,T0.06,W75,L400,WHT	
2	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
2	0203-001290	TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50	
2	0203-001329	TAPE-OPP MASKING;ANT-300P,T0.07,W15.0,L5	
2	4301-000120	BATTERY-MN;1.5V,-,AA,14.5x50mm,-	
2	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
2	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
2	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	6005-001003	SCREW-WOOD;HH,+,M4,L19,ZPC(BLK),SWRCH18A	
2	6005-001005	SCREW-WOOD;HH,+,M4.0,L19,NI PLT,SWRCH18A	
2	AA39-40001B	CABLE RCA;,1500MM	
2	AA60-00091N	SPACER-FELT;-,FELT,70X10,-,-,BLK,T1.0,-,	
2	AA61-01134A	HOLDER-MIRROR,BOT;43,54T6,HIPS HB,BLK	
2	AA61-20126A	HOLDER-LEG;-,ABS,-,-,-,BLK,HB	
2	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	
2	AA63-60002V	SPACER-FELT;-,FELT,-,-,-,BLK,T0.3,-,60X4	
2	AA63-60131A	SPACER-FELT;SVP403J,FELT,-,-,-,BLK,T0.5,	
2	AA64-60449B	INLAY-COVER;SP-434JMF,PS,T0.5,149.3X69.5	
2	AA65-30008A	CLAMPER CORE-CORD;-,PE,HB,-,BLK,-	
2	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	
2	AA65-30104B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
2	AA65-30105B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
2	AA68-00971A	LABEL-BACK,DOLBY;,T/P ,75,35,BLACK,VIRTU	
2	AA69-00862A	BAG PE;-,HDPE PE FOAM,T0.03,W400,H240,-,	
2	AA69-30009C	BAG-SHEET;LDPE,T0.08,W150,L120,-,-,-	
2	AA73-00005B	RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT	
2	AA91-00661A	ASSY-BRKT,MIRROR;DP,91-00489B 22KG,54J9	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3 179	AA69-01402A	PAD-PLATE;,CB DW-2,YEL,100,100	
3	AA69-10105K	PAD;PS,-,350,260,T18,C=0.016,-,-	
3	AA69-10127L	PAD;PS,-,340,140,T18,C=0.016,-,-	
3 480	AA69-40004A	MASTER CARTON;-,CB DW-3,-,355,265,175,YE	
3 A	AA91-00489B	ASSY-BRKT,MIRROR;-,-,SECC-1 T1.0,54J8	
4	AA60-00073A	SPACER-FELT;54J8,FELT,-,-,-,-,T1.0,-,210	
4	AA61-00512B	BRACKET-MIRROR;43,53,61J8,SECC-1,T1.0,-,	
2	AA91-00886B	ASSY-HOLDER,MIRROR(L);,HIPS HB BLK,INLAY	
3	AA61-00872B	HOLDER-MIRROR,L;43J8,HIPS HB,BLK	
3	AA64-00263G	INLAY-FORM;43J8,PVC FORM,T2.0,BLK,135X10	
2	AA60-00069D	SPACER-SCREEN;43,53,61J8,ABS,-,-,-,BLK,-	
2	AA60-00069E	SPACER-SCREEN;43,53,61J8,ABS,-,-,-,BLK,-	
2	AA60-40007A	PIN-STAPLE;HAND,H18,W35,H18,W35	
2	BP60-00012C	SPACER-SCREEN,OPTION;43T6 TOP/BOT,ABS,BL	
2	AA61-00618C	GUIDE-FLOW;54J8,J7,ABS,IVORY,V0	
2	BP60-00012D	SPACER-SCREEN,OPTION;43T6 SIDE,ABS,BLK,H	
2	BP94-00305A	ASSY PCB MISC-FRONT A/V;DP,SP43T6HPS/SMA	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
3 SW101	3404-000208	SWITCH-TACT;12V,50mA,120gf,6x6mm,SPST	
3 CNY702	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-	
3 CNY01A	3711-003974	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
3 JK101	3722-000544	JACK-VHS;4P,11.5mm,AG,BLK,N	
3 JK102	3722-001164	JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22	
3 CNW01A	AA39-00256A	LEAD CONNECTOR-ASSY;,12P,1200MM,35155-12	
3	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	
3	AA63-70002A	SHEET;-,PE FOAM,T1.0,-,-,-,50G	
3	AA69-00368Q	PAD-PLATE;-,CB SW-2,YEL,410,410,-,-,-,-	
3	AA69-00607N	PAD-CROSS;-,CB DW-2,YEL,410,80,-,-,-,-	
3	AA69-00607P	PAD-CROSS;-,CB DW-2,YEL,410,80,-,-,-,-	
3	AA69-00739T	MASTER CARTON;-,CB DW-3,YEL,420,420,440,	
3 A	BP97-00084A	ASSY AUTO;0,0,0	
4 RK101	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R708	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R709	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 C703	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
4 C704	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
4 C705	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
4 C706	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
4 C707	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
4 J702	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J703	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 R707	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 R710	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 PCB	AA41-00453C	PCB-AV FRONT;SP47W3HR,FR-1,1L,B,1.6T,330	
2	AA60-10011A	SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	
2	AA91-00886A	ASSY-HOLDER,MIRROR(R);,HIPS HB BLK,INLAY	
3	AA61-00872A	HOLDER-MIRROR,R;43J8,HIPS HB,BLK	
3	AA64-00263G	INLAY-FORM;43J8,PVC FORM,T2.0,BLK,135X10	
2	BP94-00318A	ASSY PCB MISC-CONTROL;DP,SP43T6HPS/SMA,J	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3 LEDY01	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM	
3	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
3 SWY01	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY03	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY04	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY05	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY06	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY07	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 SWY08	3404-001006	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
3 CNY02	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-	
3 CNY01	3711-003353	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,ANGLE,	
3 PCB+HM	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
3 RMY01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES	
3 CNW01	AA39-00223A	LEAD CONNECTOR-ASSY;,11P,800MM,67096-011	
3 CNW02	AA39-20016F	LEAD CONNECTOR-ASSY;,3P,700,67096-003,S,	
3	AA63-10002B	BAND-TIE;NYLON66 V2,L140,NTR	
3	AA69-01367V	PAD-PLATE;,CB SW-2,YEL,760,320	
3	AA69-01824X	PAD-CROSS;,CB DW-2,YEL,760,60	
3	AA69-01824Y	PAD-CROSS;,CB DW-2,YEL,320,60	
3	AA69-01834C	MASTER CARTON;,CB DW-3,YEL,770,330,340	
3	AA97-05395A	ASSY AUTO-SUB;DP,SP43T6HF,J52A,AA95-0106	
4 DZY01	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
4 DZY02	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
4 DZY03	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
4 QY01	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
4 QY02	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
4 RY07	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,TP,2.4X6.4M	
4 RY01	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
4 RY09	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
4 RY04	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RY02	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RY03	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RY05	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RY06	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RY08	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 CY01	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
4 JY01	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 JY04	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 JY05	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 JY06	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 PCB	AA41-00541A	PCB-CONTROL;SP43T6HF,FR-1,1L,A,1.6T,330X	
3	BP94-00220A	ASSY PCB MISC-MASTER S/W;SVP-55W9HRTC,P5	
4	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
4	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
4	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
4	0204-001024	FLUX;DF-98TVS,-,20%,-	
4	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	

Loc. No.	Code No.	Description ; Specification	Remark
4 SWP01	3403-001130	SWITCH-PUSH;250VAC,5A,SPST,OFF-ON-OFF,-	
4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
4 CNW01	AA39-00302A	LEAD CONNECTOR-ASSY;SP43T6HX,UL1617#22,U	
4	AA61-00719B	HOLDER-MASTER;T6,W3,HIPS V0,BLK,J52A	
4	AA63-10002B	BAND-TIE;NYLON66 V2,L140,NTR	
4	BP97-00134A	ASSY AUTO-MASTER S/W;SVP-55W9HRTC,P55A	
5 PCB	AA41-00784A	PCB-POWER S/W;SVP-55W9HRTC,CEM-1,1L,A,1.	
5 EY01	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
5 EY02	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
5 GT01	AA60-40014A	PIN-GT,ASSY;AUTO	
5 GT02	AA60-40014A	PIN-GT,ASSY;AUTO	
2	BP94-00248A	ASSY PCB CRT-PCB;DP,SP43T6HPS/SMA,J54A	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3 VR501	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
3 VR531	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
3 VR561	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
3	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
3 V501	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
3 V531	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
3 V561	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
3 CN504	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
3 CN501	3711-002648	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,STRAIGH	
3 CN502	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
3 CN502B	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
3 CN503	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
3 CN503R	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
3 SG301	4715-001050	SURGE ABSORBER;2.4kV,20%,1500A,-,DISC-RA	
3 SG502	AA27-00084A	COIL;S-23,-,-,-,-,-,-,S-23,5000Mohm MIN,	
3 SG532	AA27-00084A	COIL;S-23,-,-,-,-,-,-,S-23,5000Mohm MIN,	
3 SG562	AA27-00084A	COIL;S-23,-,-,-,-,-,-,S-23,5000Mohm MIN,	
3 CNW502	AA39-00112A	LEAD CONNECTOR-ASSY;,10P,300MM,35155-100	
3 CNW503	AA39-00120F	LEAD CONNECTOR-ASSY;SIR-T165,UL1007#26,U	
3 SCW-GN	AA39-00198D	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1617	
3	AA39-20010B	LEAD CONNECTOR-ASSY;,1P,500,YFH800-01,S,	
3 GBW-GN	AA39-20010D	LEAD CONNECTOR-ASSY;,1P,400,YFH800-01,S,	
3 GRW-GN	AA39-20010D	LEAD CONNECTOR-ASSY;,1P,400,YFH800-01,S,	
3 CNW401	AA39-20027B	LEAD CONNECTOR-ASSY;,6P,400,67096-006,S,	
3 CNW501	AA39-20031D	LEAD CONNECTOR-ASSY;,9P,500,67096-009,S,	
3	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	
3	AA69-01367W	PAD-PLATE;,CB SW-2,YEL,690,610	
3	AA69-01396A	BAG PE;SKD CHASSIS,LDPE,T0.03,240,180,NO	
3	AA69-01396B	BAG PE;SKD CHASSIS,LDPE,T0.03,130,130,NO	
3	AA69-01834G	MASTER CARTON;,CB DW-3,YEL,700,620,265	
3	AA69-01907F	PAD-CROSS;,CB DW-2,YEL,690,120	
3	AA69-01907G	PAD-CROSS;,CB DW-2,YEL,610,120	
3 Q371	AA96-00244H	ASSY H/S;SCREW,2SC4636(2),CRT,SLICON-OIL	
4	0205-000129	GREASE-SILICON;SC102,JAPAN	
4	0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-	
4	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
4	AA62-00046A	HEAT SINK-PS;-,-,T1.0,-,D1(DREAM) 60X25X	
3 IC501	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
3 IC531	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
3 IC561	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
4	1201-001131	IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS	
4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
4	AA62-30175D	HEAT SINK-PS;-,SECC,T1.0,-,33X15X30 FT-2	
3 RPW-SC	BP39-00004B	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
3 GBW-SC	BP39-00004C	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
3 GRW-SC	BP39-00004C	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
3	BP59-00005A	MODULE-FOCUS PACK ASS'Y;PJT TV,F301-P03A	
3	BP97-00219A	ASSY AUTO;SP43T6HPX/SAP,J54A	
4 D361	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D362	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D371	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D372	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D504	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D509	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D510	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 D373	0402-000243	DIODE-RECTIFIER;RC2-V1,2000V,0.2A,DO-201	
4 D503	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
4 D533	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
4 D563	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
4 D501	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	

Loc. No.	Code No.	Description ; Specification	Remark
4 D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 D531	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 D532	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 D561	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 D562	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 DZ501	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
4 DZ531	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
4 DZ561	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
4 DZ502	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
4 DZ532	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
4 DZ562	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
4 DZ503	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
4 DZ533	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
4 DZ563	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
4 Q361	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 Q504	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 Q533	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 Q534	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 Q563	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 Q362	0501-000366	TR-SMALL SIGNAL;KSC2330-Y,NPN,1W,TO-92L,	
4 Q502	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
4 Q501	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
4 Q531	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
4 Q561	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
4 R516	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R541	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R546	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R576	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R524	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
4 R554	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
4 R584	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
4 R520	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 R550	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 R580	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 R517	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R547	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R577	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R366	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
4 R562	2001-000232	R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R571	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R531	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R558	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R505	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R557	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R570	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R503	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R530	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R533	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R563	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R504	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R556	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R569	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R526	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R534	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R527	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R376	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R500	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R362	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R363	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R509	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R542	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R555	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R568	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R510	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R540	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R564	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R364	2001-000938	R-CARBON;68OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R502	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R532	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R528	2001-001015	R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R506	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R536	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R566	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R521	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
4 R551	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
4 R581	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	

Loc. No.	Code No.	Description ; Specification	Remark
4 R367	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R368	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R369	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R369A	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R370	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R371	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R381	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
4 R507	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
4 R537	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
4 R567	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
4 R361	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R372	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R373	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R374	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R375	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R365	2001-001120	R-CARBON(S);3.3OHM,5%,1/2W,AA,TP,2.4X6.4	
4 R514	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R544	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R574	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
4 R382	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R522	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R523	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R552	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R553	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R582	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R583	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
4 R529	2002-001015	R-COMPOSITION;47Kohm,5%,1/2W,AA,TP,3.7x9	
4 R559	2002-001015	R-COMPOSITION;47Kohm,5%,1/2W,AA,TP,3.7x9	
4 R589	2002-001015	R-COMPOSITION;47Kohm,5%,1/2W,AA,TP,3.7x9	
4 R515	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
4 R545	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
4 R575	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
4 R518	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R519	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R548	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R549	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R578	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R579	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
4 R508	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
4 R538	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
4 R588	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
4 R377	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
4 R378	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
4 R379	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
4 R380	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
4 R513	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
4 R543	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
4 R573	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
4 C503	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
4 C533	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
4 C563	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
4 C376	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
4 C514	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
4 C544	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
4 C574	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
4 C511	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
4 C541	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
4 C571	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
4 C513	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
4 C543	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
4 C573	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
4 C505	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
4 C535	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
4 C565	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
4 C507	2305-000154	C-FILM,MPEF;100nF,5%,400V,TP,21.5x6.5x11	
4 C537	2305-000154	C-FILM,MPEF;100nF,5%,400V,TP,21.5x6.5x11	
4 C567	2305-000154	C-FILM,MPEF;100nF,5%,400V,TP,21.5x6.5x11	
4 C361	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
4 C502	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
4 C532	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
4 C562	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
4 C512	2401-000133	C-AL;1000uF,20%,16V,GP,TP,10x20,5	
4 C371	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
4 C373	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
4 C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
4 C510	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
4 C536	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	

Loc. No.	Code No.	Description ; Specification	Remark
4 C540	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
4 C566	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
4 C570	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
4 C372	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
4 C504	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
4 C534	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
4 C564	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
4 C374	2401-001621	C-AL;6.8uF,20%,450V,GP,TP,13x20,5	
4 L501	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
4 L531	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
4 L561	2701-000168	INDUCTOR-AXIAL;3.3uH,5%,2.5x3.4mm	
4 J501	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J502	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J503	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J504	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J505	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J507	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J532	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J533	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J534	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J535	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J536	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J537	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J540	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J561	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J565	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J566	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 J568	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 R525	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 R535	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 R565	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 SG501	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 SG503	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 SG531	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 SG533	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 SG561	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 SG563	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
4 PCB	AA41-00600B	PCB-CRT;SP42W5PHPX,FR-1,1L,B,1.6T,245X24	
4 EL03	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
4 EL06	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
4 EL01	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL02	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL04	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL05	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL503	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL504	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL505	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL533	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL534	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL535	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL536	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL537	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL563	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL564	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL565	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL566	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 EL567	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4 GT371	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT372	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT373	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT374	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT375	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT501	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT502	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT503	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT504	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT506	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT531	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT532	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT533	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT534	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT535	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT536	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT537	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT561	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT562	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT563	AA60-40014A	PIN-GT,ASSY;AUTO	

Loc. No.	Code No.	Description ; Specification	Remark
4 GT564	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT567	AA60-40014A	PIN-GT,ASSY;AUTO	
4 GT568	AA60-40014A	PIN-GT,ASSY;AUTO	
2	BP96-00077J	ASSY COVER P-TERMINAL,ANT;DP,43T6,HIPS,V	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	AA63-70002A	SHEET;-,PE FOAM,T1.0,-,-,-,50G	
3 207	AA69-01401A	PAD-PLATE;,CB SW-2,YEL,100,100	
3 208	AA69-01401A	PAD-PLATE;,CB SW-2,YEL,100,100	
3 209	AA69-01401A	PAD-PLATE;,CB SW-2,YEL,100,100	
3 904	AA69-01410A	MASTER CARTON;,CB DW-3,YEL,100,100,100	
3	BP96-00128A	ASSY COVER P-TERMINAL ANT;SP43T6HPX/SAP,	
4	AA64-02840A	INLAY-TERMINAL;COMMANDO,PS SHEET,T0.5,BL	
4 A	AA65-00023A	TERMINAL-BOARD,ANT;,HIPS V0,BLK	
2	AA61-00049B	HOLDER-BOX;-,PP,-,-,-,NTR,V0,AA61-20285A	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	AA61-20285A	HOLDER-BOX;3456,PP,-,-,-,WHT,VO	
3	AA69-10026X	PAD-PLATE;CB DW-2,YEL,550,360,-,-,-,-	
3	AA69-40013C	MASTER CARTON;-,CB DW-3,-,560,370,275,YE	
2	AA95-01841C	ASSY SUB-PCB,SENSOR;DP,PCL545R,P54A,AA95	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3 BOX	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3 D01	0603-001067	PHOTO DIODE;-,10V,560nm,BK	
3 CN01	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
3 BOX	AA69-00902J	PAD-CROSS;-,CB DW-2,YEL,560,260,-,-,-,-	
3 BOX	AA69-00918R	PAD-CROSS;,CB DW-2,YEL,600,260	
3 1920	AA69-01095C	MASTER CARTON;-,CB DW-3,YEL,610,570,280,	
3	AA69-01808B	BAG-SHEET;,LDPE(ANTISTATIC),T0.05,800,50	
3 BOX	AA69-10165B	PAD-PLATE;CB SW-2,YEL,580,500,-,-,M/DECK	
3	AA97-05353A	ASSY AUTO-SUB;DP,PCL545R,P54A	
4 Q01	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
4 R03	2001-000454	R-CARBON;2.2MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R01	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 R02	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 PCB	AA41-00433B	PCB-SENSOR;PCL545R,CEM-1,1L,A,1.6T,245X2	
2	BP94-00238A	ASSY PCB MISC-VM;DP,HCM4215W3S/XAA,P55A	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3 RZ120	2008-001097	R-FUSIBLE(S);330HM,5%,1/2W,AC,BK,2.5X6.5	
3	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
3	AA33-00017A	MAGNET CONVERGENCE;JH 92LT - 29G,-,29.1M	
3 CNZ101	AA39-20055C	LEAD CONNECTOR-ASSY;,6P,500,YBNH025-06,6	
3	AA69-00081A	PAD-PLATE;CB SW-2,YEL,510,310,-,-,K54A,-	
3	AA69-01834E	MASTER CARTON;,CB DW-3,YEL,520,350,390	
3	AA69-01907B	PAD-CROSS;,CB DW-2,YEL,340,70	
3	AA69-01907C	PAD-CROSS;,CB DW-2,YEL,510,70	
3 QZ102	AA96-00243L	ASSY H/S;-,CRT,AA62-000450A,2SC2344,HERC	
4	0205-000129	GREASE-SILICON;SC102,JAPAN	
4	0502-000153	TR-POWER;2SC2344-D,NPN,1.2W,TO-220,-,60	
4	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
4	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
3 QZ101	AA96-00243M	ASSY H/S;-,AMP,AA62-000450A,2SA1011,HERC	
4	0205-000129	GREASE-SILICON;SC102,JAPAN	
4	0502-000131	TR-POWER;2SA1011-D,PNP,1.2W,TO-220,-,60	
4	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
4	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
3	AA97-07230M	ASSY AUTO-VM;COMMANDO	
4 DZ102	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 DZ105	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 DZ106	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
4 DZ101	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 DZ103	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 DZ104	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
4 QZ103	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
4 QZ104	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
4 QZ105	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
4 QZ106	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
4 RZ122	2001-000019	R-CARBON(S);100HM,5%,1/2W,AA,TP,2.4X6.4M	
4 RZ102	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ109	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ101	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ108	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description ; Specification	Remark
4 RZ117	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ118	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ107	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ116	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ119	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ121	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ115	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
4 RZ104	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
4 RZ110	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
4 RZ105	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 RZ106	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4	
4 RZ114	2003-000532	R-METAL OXIDE(S);18ohm,5%,2W,AF,TP,4x12m	
4 RZ103	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m	
4 RZ111	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m	
4 RZ112	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
4 RZ113	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
4 RZ123	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
4 RFZ101	2008-001086	R-FUSIBLE(S);3.3ohm,5%,2W,AG,TP,3.9x12mm	
4 CZ104	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,	
4 CZ106	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,	
4 CZ103	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
4 CZ105	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
4 CZ110	2201-000604	C-CERAMIC,DISC;0.056NF,+100-0%,500V,SL,T	
4 CZ111	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
4 CZ112	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
4 CZ102	2401-001157	C-AL;33uF,20%,160V,GP,TP,12.5x20,5	
4 CZ108	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
4 CZ109	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
4 CZ107	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5	
4 CZ101	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
4 LZ101	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
4 CNZ102	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
4 CNZ103	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
4 CNZ104	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
4 JZ101	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 JZ102	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4 PCB	AA41-00611A	PCB-VM;HCM4215W,FR-1,1L,A,1.6T,245X245,P	
2	BP94-00239A	ASSY PCB MISC-DY-JACK;DP,HCM4215W3S/XAA,	
3	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
3	0204-001024	FLUX;DF-98TVS,-,20%,-	
3 GT01	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	
3 GT05	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	
3 GT09	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	
3 GT13	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	
3	AA61-01197A	HOLDER-PCB,DY;COMANDO,ABS V0,BLK	
3	AA69-01367X	PAD-PLATE;,CB SW-2,YEL,560,330	
3	AA69-01834H	MASTER CARTON;,CB DW-3,YEL,570,340,390	
3	AA69-01907H	PAD-CROSS;,CB DW-2,YEL,560,70	
3	AA69-01907J	PAD-CROSS;,CB DW-2,YEL,330,70	
3	AA97-07230N	ASSY AUTO;COMMANDO	
4 R301	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
4 R302	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
4 R303	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
4 PCB	AA41-00632A	PCB-DY CONNECTION;HCM4215W,FR-1,1L,A,1.6	
2	AA67-00079B	MIRROR-BACK;DP,43J8,GLASS,812*580*542(31	
2	AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	
2	AA63-10007C	BAND-PP;W18,CLEA,1G	
⚠ 2	AA96-20109F	ASSY POWER CORD;-,CP2/NO(4.0),H/C 150mm,	
3	3811-000401	WIRE-PVC CU;BCWA,300V,ROLL,17/0.16mm,#22	
3	AA39-10006X	CBF POWER CORD;-,KKP419C,KLCE-2F,2.286MT	
3	AA61-20284A	HOLDER;P-CORD,PP,-,-,-,BLK,VO,KE-002	
2	AA67-00115B	SCREEN FRESNEL;43N,910*692,T2	
2	AA67-00195A	SCREEN-TINT;43,908*690,P,DNP	
2	AA61-00617B	BRACKET-CRT,MAIN;DP,54J7,AA61-00475B	
3	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	AA61-00475B	BRACKET-CRT,MAIN;54,SECC,T1.6,-,-,-,-	
3	AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	
3	AA63-10007C	BAND-PP;W18,CLEA,1G	
3	AA69-01087L	PALLET-CKD;CKD,PAPER,1150,990,130	
3 487	AA69-01402A	PAD-PLATE;,CB DW-2,YEL,100,100	
3 788	AA69-01410A	MASTER CARTON;,CB DW-3,YEL,100,100,100	
2	AA69-00744F	BAG-SHEET;-,HDPE PE FOAM,T0.015,W1400,H1	
2	BP26-00004A	TRANS FBT-H/V DISTRIBUTOR;FUW50A002B,PJC	
2	AA64-02622E	CABINET-MASK;DP 43T6HP,HB,AA64-02267L	

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3		0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3		AA63-70002A	SHEET;-,PE FOAM,T1.0,-,-,-,50G	
3		AA64-02267L	CABINET-MASK;43T6HP,HIPS,HB,GRAY,SV-012P	
3		AA69-01365M	PAD-CROSS;,CB DW-2,YEL,1030,30	
3		AA69-01365N	PAD-CROSS;,CB DW-2,YEL,590,30	
3		AA69-01365P	PAD-CROSS;,CB DW-2,YEL,810,30	
3		AA69-01365Q	PAD-CROSS;,CB DW-2,YEL,460,30	
3	488	AA69-01402A	PAD-PLATE;,CB DW-2,YEL,100,100	
3	793	AA69-01410A	MASTER CARTON;,CB DW-3,YEL,100,100,100	
2		AA91-00771P	ASSY CABINET BOT;DP,HIPS HB GRAY,SV012P+	
3		0201-000281	ADHESIVE-RBR;D-5250,YEL,6000CPS+-500	
3		0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
3	KC+CFB	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZPC(BLK),SWR	
3		AA60-00077A	SPACER-DUAL,LOCK;54J8,#250,-,-,-,-,-,-,4	
3	KNOPOW	AA61-00343A	SPRING ETC-CS;29A7,SUS304,-,-,-,-,-,-,-,	
3		AA61-00685B	GUIDE-KNOB,CONTROL;T6,ABS HB,GRAY,AL VAC	
3		AA61-00805B	GUIDE-FRONT;54T6,HIPS,BLK,HB	
3		AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,-,NTR,DAFC-25	
3	A	AA63-70002A	SHEET;-,PE FOAM,T1.0,-,-,-,50G	
3	BOX	AA63-70002A	SHEET;-,PE FOAM,T1.0,-,-,-,50G	
3		AA64-01396N	INLAY AV;T6HP,PS SHEET,T0.3,BLK,J52A PAL	
3		AA64-01752B	INDICATOR LED;54J9,62J9,ACRYL,-,-,-,-,CL	
3		AA64-01857Q	CABINET-FRONT,BOT;43T6 J52A,HIPS,HB,GRAY	
3		AA64-01860G	DOOR-A/V;ST54T6,HIPS,GRAY,SV012P HB	
3		AA64-01861E	KNOB POWER;ST54T6,ABS,HB,GRAY,SV-012P	
3		AA64-01862E	KNOB CONTROL;ST54T6,ABS,HB,GRAY,SV-012P	
3		AA64-01863B	WINDOW REMOCON;T6,PC,CLEAR	
3		AA64-01956C	BADGE-BRAND;T6,AL,-,-,-,-,-,NI,SAMSUNG	
3		AA69-01382A	PAD-TYPE;,CB DW-2,YEL,920,887	
3	105	AA69-01401A	PAD-PLATE;,CB SW-2,YEL,100,100	
3	12	AA69-01401A	PAD-PLATE;,CB SW-2,YEL,100,100	
3	355	AA69-01410A	MASTER CARTON;,CB DW-3,YEL,100,100,100	
3		AA69-01559R	PAD;,PS,930,500,T18	
3	A	BP61-00090A	HOLDER-FRONT,BOT;43T6,HIPS HB,G4309	
2		BP91-00338A	ASSY CHASSIS;0	
3		AA95-01841C	ASSY SUB-PCB,SENSOR;DP,PCL545R,P54A,AA95	
4		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
4		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
4	BOX	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
4		0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
4		0204-001024	FLUX;DF-98TVS,-,20%,-	
4	D01	0603-001067	PHOTO DIODE;-,10V,560nm,BK	
4	CN01	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
4	BOX	AA69-00902J	PAD-CROSS;-,CB DW-2,YEL,560,260,-,-,-,-	
4	BOX	AA69-00918R	PAD-CROSS;,CB DW-2,YEL,600,260	
4	1920	AA69-01095C	MASTER CARTON;-,CB DW-3,YEL,610,570,280,	
4		AA69-01808B	BAG-SHEET;,LDPE(ANTISTATIC),T0.05,800,50	
4	BOX	AA69-10165B	PAD-PLATE;CB SW-2,YEL,580,500,-,-,M/DECK	
4		AA97-05353A	ASSY AUTO-SUB;DP,PCL545R,P54A	
5	Q01	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
5	R03	2001-000454	R-CARBON;2.2MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	R01	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	R02	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	PCB	AA41-00433B	PCB-SENSOR;PCL545R,CEM-1,1L,A,1.6T,245X2	
3		BP91-00401A	ASSY MISC-CHASSIS-PACK;0	
4	PM+HC	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
4	PP+HC	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	
4		AA61-01127A	HOLDER-CHASSIS;COMMANDO,HIPS V0,G4309	
4		AA98-01177B	ASSY K/D-P/MATERIAL;PJTV(COMANDO),P55A	
5		AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	
5		AA63-10007C	BAND-PP;W18,CLEA,1G	
5		AA69-01087D	PALLET-CKD;SP431J,PAPER,1040,960,130	
5		AA69-01403A	WRAP VINYL-PACKING;SKD CHASSIS,LDPE,T0.0	
5		AA69-01808A	BAG-SHEET;,LDPE(ANTISTATIC),T0.05,950,90	
5		AA69-01851J	PAD;,PS,1020,500,T36	
5		AA69-01893A	CUSHION-CHASSIS;P55A CHASSIS,PS C=0.02	
5		AA69-01900A	PAD-TYPE;,CB SW-2,YEL,904,180	
4		BP94-00033A	ASSY PCB MAIN;SP43T6HPX/SAP,J54A	
5		0201-001059	ADHESIVE-SIL;#9590,WHT,-,CARTRIGE	
5		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
5		0202-001029	SOLDER-WIRE;S-21C,S63A,D3.0,63Sn36Pb1Ge,	
5		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	
5		0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
5		0204-001024	FLUX;DF-98TVS,-,20%,-	
5	IC802	1203-000119	IC-NEGA.FIXED REG.;7905,TO-220,3P,-,PLAS	
5	C681	2401-000737	C-AL;2200uF,20%,50V,GP,TP,18x35.5,7	
5	C801	2401-001068	C-AL;3300uF,20%,50V,GP,BK,22x40,10	

Loc. No.		Code No.	Description ; Specification	Remark
5	CNW01	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5	CNW02	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5	CNZ01	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5	CN901	3703-001187	CONNECTOR-BACK PANEL;64P,2R,FEMALE,STRAI	
5	CNZ02	3711-003046	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,STRAIGH	
5	CN802	3711-004946	CONNECTOR-HEADER;BOX,15P,1R,2.5MM,STRAIG	
5	JA702	3722-000183	JACK-SCART;21P,4mm,SN,BLK,NO	
5	JA703	3722-001163	JACK-VHS;4P,12mm,AU,BLK,N	
5	JA701	3722-001426	JACK-PIN;9P,3.4mm,NI,BLK,-	
5	JA704	3722-001754	JACK-PIN;5P(10P),-,NI,GRN/BLU/RED/WHT/RE	
5	JA705	3722-001802	JACK-PIN;2P,8.3PI,NI,WHT/RED,-	
5	L802	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
5	L801	AA29-00004A	FILTER LINE NOISE;-,20UH,3A,AC80-260V,TQ	
5		AA39-20010B	LEAD CONNECTOR-ASSY;,1P,500,YFH800-01,S,	
5		AA39-30007A	CBF IF;-,T,100mm,1365#26	
5	TU02	AA40-00084A	TUNER;TCPS3000PC16B(S),PAL ,181CH,38.9MH	
5	CG	AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPTE,T0.5,-,-,	
5	MICOM	AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPTE,T0.5,-,-,	
5	CG	AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPTE,T0.5,-,-,	
5	MICOM	AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPTE,T0.5,-,-,	
5	PROSCA	AA63-00608A	SHIELD CASE;HERCULES TOP,SPTE,T0.5,W140.	
5	PROSCA	AA63-00610A	SHIELD CASE;COMMANDO,SPTE,T0.5,W141.5,H1	
5		AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	
5		AA65-00011B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
5		AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	
5		AA65-30104C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
5		AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
5	IC801	AA96-00475C	ASSY H/S;SILICON-OIL,KA278R09,KA7808,AA6	
6		0205-000129	GREASE-SILICON;SC102,JAPAN	
6		1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
6		1203-001978	IC-VOLTAGE REGULATOR;KA278RA05,TO-220F,4	
6		1203-002003	IC-VOLTAGE REGULATOR;278R09,TO-220,4P,-,	
6		6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
6		AA62-00066B	HEAT SINK;D2,D3,AL ,T1.0,89,70,-,AA62-00	
5	IC601	AA96-00623E	ASSY H/S;SCREW,MAIN,AA62-00056A,TDA7265,	
6		0205-000129	GREASE-SILICON;SC102,JAPAN	
6		1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	
6		6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
6		AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,	
5		BP95-00020A	ASSY SUB-PRO-SCAN;SP43T6HPX/SAP,J54A	
6		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
6		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
6		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	
6		0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
6		0204-001024	FLUX;DF-98TVS,-,20%,-	
6	FC48	2305-000011	C-FILM,MPEF;470nF,5%,250V,TP,21.5X13.0X7	
6	FC59	2305-000704	C-FILM,MPEF;100nF,5%,250V,TP,16.5x10.3x5	
6	FC58	2309-000138	C-FILM,PE-PPF;100nF,5%,50V,TP,20x16x8.5,	
6	EX01	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,	
6	FX01	2802-001177	RESONATOR-CERAMIC;2.696MHZ,0.4%,BK,10X4.	
6	CN01	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
6	CN02	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
6	CN03	3711-001164	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,ANGLE,-	
6		BP97-00046A	ASSY SMD;SP43T6HPX,J54A	
7	FD01	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD02	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD07	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD08	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD09	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD10	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD13	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD14	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD15	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD16	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD17	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7	FD12	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500MW,LL-	
7	FD11	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
7	FD03	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7	FD04	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7	FD05	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7	FD06	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7	FQ02	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7	FQ03	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7	FQ04	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7	FQ13	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7	EQ13	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7	EQ14	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	

Loc. No.	Code No.	Description ; Specification	Remark
7 EQ15	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ05	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ06	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ08	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ09	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ12	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 PQ01	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 FQ07	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
7 EQ11	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
7 EQ12	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
7 IC13	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBATOR,SOP,1	
7 IC06	1203-001211	IC-VOL. DETECTOR;7027,SOT-89,3P,-,PLASTI	
7 IC05	1203-002186	IC-POSI.FIXED REG.;18,DPAK,3P,240MIL,PLA	
7 IC11	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
7 IC01A	1204-001938	IC-DECODER;VSP9407B-B11,MQFP,80P,14X14MM	
7 IC04	1204-001989	IC-VIDEO PROCESS;CXA2165Q,QFP,64P,20X14M	
7 EL04	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 EL05	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 EL06	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 EL07	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 ER95	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 SC54	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 SC55	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 SR67	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 SR70	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 SR71	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
7 FR57	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
7 FC53	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
7 FR68	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
7 FR69	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
7 CR83	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 CR84	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 EC31	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER04	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER05	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER06	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER17	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER18	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 ER19	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 FR07	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 FR35	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 FR76	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 FR96	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 FR01	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR02	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR03	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR08	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR16	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR17	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR18	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR19	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR20	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR21	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR31	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR32	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR33	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR34	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR37	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR38	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR39	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR53	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR54	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR55	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR56	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR67	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR71	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR74	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR75	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR81	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR82	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 SR75	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 YR43	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 YR44	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 YR45	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 FR66	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
7 SR74	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
7 ER26	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 ER27	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 ER28	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 FR40	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 FR72	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
7 FR62	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
7 FR73	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
7 ER91	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 ER92	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 FR44	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 FR45	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 FR41	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
7 FR42	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
7 FR09	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 FR22	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 FR60	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 PR01	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 FR58	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
7 ER20	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 ER21	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 ER22	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 ER23	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 ER24	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 ER25	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 PR02	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 FR63	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
7 FR70	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
7 FR10	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 FR11	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 FR12	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 FR13	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 FR14	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 FR15	2007-000210	R-CHIP;1.1KOHM,5%,1/10W,DA,TP,2012	
7 SR73	2007-000259	R-CHIP;1.6Kohm,5%,1/16W,DA,TP,1608	
7 FR78	2007-000297	R-CHIP;10KOHM,1%,1/10W,DA,TP,2012	
7 FR79	2007-000297	R-CHIP;10KOHM,1%,1/10W,DA,TP,2012	
7 FR80	2007-000297	R-CHIP;10KOHM,1%,1/10W,DA,TP,2012	
7 FR88	2007-000297	R-CHIP;10KOHM,1%,1/10W,DA,TP,2012	
7 FR83	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
7 FR46	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
7 FR47	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
7 FR36	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
7 FC52	2007-000819	R-CHIP;390Kohm,5%,1/16W,DA,TP,1608	
7 FR43	2007-000869	R-CHIP;4.7Kohm,1%,1/16W,DA,TP,1608	
7 FR77	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
7 ER33	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
7 ER34	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
7 ER35	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
7 ER03	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER08	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER09	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER10	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER11	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER15	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 ER16	2007-001166	R-CHIP;75OHM,5%,1/10W,DA,TP,2012	
7 EC35	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC36	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC37	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC38	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC39	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC40	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 ER01	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 ER14	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 ER70	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 ER71	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 ER72	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 EC01	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC02	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC03	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC04	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC12	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC13	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC17	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC25	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC61	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC62	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC65	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC66	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Loc. No.	Code No.	Description ; Specification	Remark
7 EC67	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC68	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC69	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 EC70	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC03	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC05	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC10	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC11	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC21	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC22	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC23	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC24	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC25	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC26	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC30	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC32	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC41	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC42	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC43	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC44	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC55	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC61	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC64	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC02	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC04	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC05	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC11	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC13	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC14	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC15	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC16	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 PC31	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 SC48	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 SC58	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 FC54	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 PC17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 FC01	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 FC02	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 FC57	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 FC07	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
7 SC56	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012	
7 SC57	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012	
7 EC09	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC10	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC11	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC14	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC15	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC16	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 FC47	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 EC63	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
7 EC64	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
7 FC49	2203-000891	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012	
7 EC07	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC18	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC19	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC20	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC21	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC22	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC23	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 EC24	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 FC50	2203-001680	C-CERAMIC,CHIP;68nF,20%,50V,Z5U,TP,2012	
7 FC08	2203-002494	C-CERAMIC,CHIP;470nF,10%,16V,X7R,TP,2012	
7 FC27	2203-002494	C-CERAMIC,CHIP;470nF,10%,16V,X7R,TP,2012	
7 FC28	2203-002494	C-CERAMIC,CHIP;470nF,10%,16V,X7R,TP,2012	
7 FC46	2203-002494	C-CERAMIC,CHIP;470nF,10%,16V,X7R,TP,2012	
7 EC32	2203-005384	C-CERAMIC,CHIP;4700nF,+80-20%,10V,Y5V,TP	
7 EC33	2203-005384	C-CERAMIC,CHIP;4700nF,+80-20%,10V,Y5V,TP	
7 EC34	2203-005384	C-CERAMIC,CHIP;4700nF,+80-20%,10V,Y5V,TP	
7 FC09	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
7 FC29	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
7 FC60	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
7 PC18	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
7 FC66	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 PC01	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 PC03	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 PC06	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 PC32	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	

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7 SC47	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 FC06	2402-000209	C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm,1	
7 FC04	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 FC12	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 FC45	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 FC62	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 FC63	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 PC09	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 PC10	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 PC12	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 CC49	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
7 FC31	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
7 PC07	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
7 PC08	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
7 EL10	2703-000274	INDUCTOR-SMD;2.2uH,10%,1.25x2x0.85mm	
7 EL11	2703-000274	INDUCTOR-SMD;2.2uH,10%,1.25x2x0.85mm	
7 EL12	2703-000274	INDUCTOR-SMD;2.2uH,10%,1.25x2x0.85mm	
7 CL07	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 FL01	2703-001070	INDUCTOR-SMD;100uH,10%,4.5x3.2x3.2mm	
7 PL01	3301-001082	CORE-FERRITE BEAD;AB,60OHM,3.2X2.5X1.3MM	
7 SL02	3301-001082	CORE-FERRITE BEAD;AB,60OHM,3.2X2.5X1.3MM	
7 PL07	3301-001186	CORE-FERRITE BEAD;AB,600ohm,3.2x1.6x1.3m	
7 PL08	3301-001186	CORE-FERRITE BEAD;AB,600ohm,3.2x1.6x1.3m	
7 EL09	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 IC14	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 IC15	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PL02	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PL03	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PL04	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PL05	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PL06	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
7 PCB	AA41-00610B	PCB-PROSCAN;SVP-47W3HRT,FR-4,4L,B,1.6T,1	
5	BP95-00058A	ASSY SUB-MICOM;SP43T6HPX/SAP,J54A	
6	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
6	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
6	0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	
6	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
6	0204-001024	FLUX;DF-98TVS,-,20%,-	
6 D907	0402-000274	DIODE-RECTIFIER;UF4004,400V,1A,DO-41,TP	
6 Q901	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
6 Q903	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
6 IC905	1102-001130	IC-EPROM;M27W201-80F6,256KX8BIT,DIP,32P,	
6 IC904	1203-001943	IC-VOL. DETECTOR;7025,TO-92,3P,-,PLASTIC	
6 X901	2801-004071	CRYSTAL-UNIT;6MHZ,30PPM,28-AAM,20PF,40OH	
6 CN901	3703-001175	CONNECTOR-BACK PANEL;64P,2R,MALE,ANGLE,A	
6	AA97-07276A	ASSY SMD;1 , , , ,	
7 D602	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D901	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D902	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D905	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D906	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D920	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D923	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 DZ901	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ904	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ906	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ907	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ918	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ919	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ920	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 Q902	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q908	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q914	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q915	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q916	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q920	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 IC902	1103-000180	IC-EEPROM;24C16,2Kx8Bit,SOP,8P,150MIL,10	
7 IC903	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
7 IC901	1204-001912	IC-DECODER;SDA5550M,P-MQFP,100P,-,PLASTI	
7 R959	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R960	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R964	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R907	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R909	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R916	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R918	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R922	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
7 R923	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R939	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R940	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R952	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R953	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R965	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R969	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R970	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R972	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R988	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R911	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
7 R917	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
7 R901	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
7 R963	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
7 R905	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R921	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R924	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R925	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R930	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R933	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R936	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R974	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R912	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
7 R915	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
7 R903	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R904	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R906	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R908	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R927	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R928	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R934	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R954	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R955	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R958	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R971	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R976	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R978	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R985	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R986	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R919	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R944	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R957	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R987	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R926	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
7 R975	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
7 R945	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R946	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R948	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R949	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R950	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R951	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R914	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
7 R941	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
7 R962	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
7 R966	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
7 R961	2007-000939	R-CHIP;47Kohm,1%,1/16W,DA,TP,1608	
7 C907	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C914	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C916	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C919	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C920	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C924	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C925	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C926	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C927	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C928	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C929	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C932	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C931	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C951	2203-000221	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,3216	
7 C933	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C934	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C935	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C937	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C909	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
7 C903	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C902	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C906	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C905	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
7 C901	2203-000748	C-CERAMIC,CHIP;0.03NF,5%,50V,C0G,TP,2012	
7 C910	2203-000748	C-CERAMIC,CHIP;0.03NF,5%,50V,C0G,TP,2012	
7 C922	2203-005809	C-CERAMIC,CHIP;1000nF,10%,16V,X7R,TP,201	
7 C950	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C913	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C915	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C918	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C921	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C936	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C911	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 C912	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 C917	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 L905	2703-001245	INDUCTOR-SMD;8.2uH,10%,2x1.25x1.25mm	
7 L901	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L902	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L903	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L904	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L907	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L920	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 PCB	AA41-00599B	PCB-MICOM;HCM4215W,FR-4,2L,B,1.6T,180X24	
5	BP95-00059A	ASSY SUB-CG MOD;SP43T6HPX/SAP,J54A	
6	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
6	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
6	0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	
6	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
6	0204-001527	FLUX;DF-201TVS,MIX,0.820,FLUX 13%, 14KG	
6 L01	2701-001030	INDUCTOR-AXIAL;43uH,10%,5x14mm	
6 CN01	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
6 CN04	3711-003601	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,ANGLE,	
6	BP97-00151A	ASSY SMD;SP43T6HPX/SAP,J54A	
7 D01	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D02	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D03	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D04	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D05	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D06	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D07	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D08	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D09	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D10	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D11	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D12	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 DZ01	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
7 DZ02	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
7 DZ03	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
7 Q02	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7 Q03	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7 Q04	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
7 Q10	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	
7 Q07	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.50HM,0.	
7 Q08	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.50HM,0.	
7 Q09	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.50HM,0.	
7 IC04	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC15	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC16	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC08	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	
7 IC13	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	
7 IC05	1103-001195	IC-EEPROM;24C64,8Kx8Bit,SOP,8P,150MIL,10	
7 IC12	1201-001135	IC-OP AMP;324,SOP,ST,14P,150MIL,QUAD,100	
7 IC09	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC10	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC11	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC14	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC07	1201-001520	IC-VIDEO AMP;EL2250CS,SOIC,8P,150MIL,DUA	
7 IC03	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	
7 IC02	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
7 IC17	1209-001163	IC-PLL;TLC2932IPWLE,SOP,14P,-,PLASTIC	
7 R30	2007-000028	R-CHIP;390HM,5%,1/10W,DA,TP,2012	
7 R31	2007-000028	R-CHIP;390HM,5%,1/10W,DA,TP,2012	
7 R35	2007-000028	R-CHIP;390HM,5%,1/10W,DA,TP,2012	
7 R36	2007-000028	R-CHIP;390HM,5%,1/10W,DA,TP,2012	
7 R122	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R123	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R141	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R143	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
7 R144	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R25	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
7 R09	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R10	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R129	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R134	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R135	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R136	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R15	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R24	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R45	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R46	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
7 R02	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R16	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R17	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R20	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R47	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R53	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R59	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R65	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R71	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R77	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R91	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
7 R03	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R11	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R110	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R37	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R38	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R39	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R40	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R41	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R42	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R43	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R44	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R50	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R52	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R56	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R58	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R62	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R64	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R68	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R70	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R74	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R76	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R80	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R82	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R94	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R98	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
7 R128	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
7 R51	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R57	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R63	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R69	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R75	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R81	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R109	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
7 R01	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R04	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R06	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R07	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R08	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R118	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R119	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R121	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R133	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R48	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R49	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R54	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R55	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R60	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R61	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R66	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R67	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R72	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R73	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R78	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
7 R79	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
7 R101	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R113	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R114	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R115	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R83	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R84	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R85	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R86	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R92	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R93	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R96	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R97	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
7 R05	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
7 R127	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
7 R32	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
7 R107	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R117	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R28	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R29	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R34	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
7 R120	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
7 R33	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
7 R100	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
7 R125	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
7 R108	2007-000381	R-CHIP;13Kohm,5%,1/16W,DA,TP,1608	
7 R137	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
7 R138	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
7 R139	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
7 R95	2007-000704	R-CHIP;3.6Kohm,5%,1/16W,DA,TP,1608	
7 R99	2007-000704	R-CHIP;3.6Kohm,5%,1/16W,DA,TP,1608	
7 R87	2007-000757	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012	
7 R88	2007-000757	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012	
7 R89	2007-000757	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012	
7 R90	2007-000757	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012	
7 R126	2007-000856	R-CHIP;4.3KOHM,1%,1/10W,DA,TP,2012	
7 R26	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R27	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R116	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
7 RN01	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 RN02	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 RN03	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 RN04	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 RN05	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 RN06	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
7 C44	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C48	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C52	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C57	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C61	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C65	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C81	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C02	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C04	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C05	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C07	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C08	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C09	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C10	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C11	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C12	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C13	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C15	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C20	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C21	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C22	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C23	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C24	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C25	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C26	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C27	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C28	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C29	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C30	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C31	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C32	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C33	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C34	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Loc. No.	Code No.	Description ; Specification	Remark
7 C35	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C36	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C37	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C39	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C41	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C45	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C49	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C53	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C54	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C58	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C62	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C71	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C78	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C79	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C83	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C85	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C86	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C72	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C75	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C89	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C42	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C46	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C50	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C55	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C59	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C63	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
7 C77	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C90	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 C91	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 C73	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C74	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C88	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C43	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C47	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C51	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C56	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C60	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C64	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C82	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
7 C66	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C67	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C68	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C69	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C87	2203-001245	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,201	
7 C01	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C03	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C06	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C14	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C38	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C40	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C70	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C84	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C80	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 OSC01	2804-001479	OSCILLATOR-CLOCK;24MHZ,100PPM,50PF,TP,5V	
7 EF05	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
7 EF06	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
7 EF01	2901-000229	FILTER-EMI SMD;50V,0.3A,-,22000pF,4.5x3.	
7 EF02	2901-000229	FILTER-EMI SMD;50V,0.3A,-,22000pF,4.5x3.	
7 EF03	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF04	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF07	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF08	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF09	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF10	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 IC06	AA09-00032A	IC MICOM;,TSC87251G2D-OTP,4.5 TO 5.5V,-,	
7 PCB	AA41-00717B	PCB-CONVERGENCE MODULE;HCM4215W,FR-4,4L,	
7 IC01	BP13-00003A	IC ASIC;SDC12,128,-0.3 TO +3.8,0 TO 70,Q	
5 IC808	BP96-00020G	ASSY HEAT SINK P;AA62-00045B,TAPTITE,SI-	
6 CIS	0205-000129	GREASE-SILICON;SC102,JAPAN	
6 CIS	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	
6 CIS	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
6 CIS	AA62-00045B	HEAT SINK;COMMANDO,AL1050,T1.0,H45.0	
5	BP97-00016A	ASSY ROBOT;SP43T6HPX,J54A	
6 IC807	1203-000165	IC-POSI.ADJUST REG.;78R12,TO-220,4P,-,PL	
6 CNY01	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
6 CN902	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
6 CN801	3711-003975	CONNECTOR-HEADER;BOX,14P,1R,2.5mm,STRAIG	

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6 TU03	AA40-00083A	TUNER;TCLS3101PD16A(S),PAL B/G,D/K,I,M,1	
6	BP97-00061A	ASSY AUTO;SP43T6HPX,J54A	
7 D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D604	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D605	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D607	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D608	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D609	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
7 D606	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
7 DZ801	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
7 DZ605	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T	
7 DZ607	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
7 DZ606	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
7 Q601	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
7 Q602	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
7 Q603	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
7 R663	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R684	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
7 R810	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
7 R811	2001-000107	R-CARBON(S);150KOHM,5%,1/2W,AA,TP,2.4X6.	
7 R805	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
7 R665	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R667	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R668	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R669	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R683	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R686	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R813	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R670	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R812	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R662	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R659	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R660	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R661	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R802	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R803	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R804	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R806	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R809	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R664	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R666	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R658	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R672	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R687	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R685	2001-001000	R-CARBON;82KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
7 R801	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
7 R674	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
7 R677	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
7 R681	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
7 R682	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
7 R814	2003-001098	R-METAL OXIDE(S);22Kohm,5%,3W,AA,TP,6x16	
7 R675	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
7 R676	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
7 R673	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
7 R678	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
7 R679	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
7 R680	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
7 C694	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
7 C695	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
7 C682	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
7 C687	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
7 C689	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
7 C642	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
7 C647	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
7 C648	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
7 C104	2401-000039	C-AL;1000uF,20%,16V,GP,TP,10x16,5	
7 C832	2401-000039	C-AL;1000uF,20%,16V,GP,TP,10x16,5	
7 C686	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
7 C688	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
7 C102	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
7 C610	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
7 C103	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
7 C620	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
7 C806	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
7 C802	2401-000471	C-AL;10uF,20%,50V,BP,TP,5x11,5mm	
7 C147	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	

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7 C601	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C604	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C631	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C632	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C633	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C652	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C656	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C664	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C665	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C667	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C668	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C669	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C670	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C671	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C673	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C674	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C675	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C676	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
7 C108	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
7 C113	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
7 C679	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
7 C680	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
7 C684	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
7 C827	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
7 C122	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C123	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C124	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C125	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C132	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C133	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C135	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C137	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C138	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C607	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C609	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C612	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C617	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C629	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C630	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C639	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C640	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C690	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
7 C685	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
7 C645	2401-001261	C-AL;4.7uF,20%,50V,BP,TP,5x11mm,5mm	
7 C646	2401-001261	C-AL;4.7uF,20%,50V,BP,TP,5x11mm,5mm	
7 C830	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
7 C716	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
7 C803	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
7 C819	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
7 C822	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
7 C144	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
7 C720	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
7 C691	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
7 C831	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
7 C808	2401-002459	C-AL;220uF,20%,25V,LZ,TP,10x16,5	
7 C812	2401-002459	C-AL;220uF,20%,25V,LZ,TP,10x16,5	
7 C816	2401-002459	C-AL;220uF,20%,25V,LZ,TP,10x16,5	
7 C111	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
7 C823	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
7 C662	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
7 C706	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
7 C826	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
7 C901	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
7 C903	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
7 C809	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
7 C813	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
7 C817	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
7 C834	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
7 L105	2701-000106	INDUCTOR-AXIAL;1.5uH,10%,3x7mm	
7 L107	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L108	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L109	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L110	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L111	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L112	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L113	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L114	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L115	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L116	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L117	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L118	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L121	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L122	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L128	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L129	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
7 L101	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
7 L104	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
7 L106	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
7 L127	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
7 L703	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
7 L705	2701-001030	INDUCTOR-AXIAL;43uH,10%,5x14mm	
7 L706	2701-001030	INDUCTOR-AXIAL;43uH,10%,5x14mm	
7 L102	2701-001040	INDUCTOR-AXIAL;10uH,10%,4.5x14mm	
7 X601	2801-003903	CRYSTAL-UNIT;18.432MHz,25ppm,28-AAM,12pF	
7 L605	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
7 L606	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
7 CN903	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
7 CN601	3711-002643	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
7 CN201	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
7 GT01	AA60-40014A	PIN-GT,ASSY;AUTO	
7 GT02	AA60-40014A	PIN-GT,ASSY;AUTO	
7 GT03	AA60-40014A	PIN-GT,ASSY;AUTO	
7 GT04	AA60-40014A	PIN-GT,ASSY;AUTO	
7	BP97-00044A	ASSY SMD;SP43T6HPX,J54A	
8 DZ103	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ105	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ106	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ108	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ109	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ110	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ701	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ704	0403-000314	DIODE-ZENER;RLZJ9.1B,8.80-9.30V,500MW,LL	
8 DZ710	0403-000620	DIODE-ZENER;RLZ5.6B,5.6,500mW,LL-34,TP	
8 DZ101	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ601	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ603	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ702	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ703	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ707	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500MW,LL-	
8 DZ602	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
8 DZ604	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
8 DZ705	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
8 Q102	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q104	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q105	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q107	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q108	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q701	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q702	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q703	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q704	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q707	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q708	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 Q709	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
8 IC101	0904-001031	IC-I/O SUPPORT CHIP;8574,8BIT,SOP,16P,-,	
8 IC701	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
8 IC702	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
8 IC605	1001-001178	IC-AUDIO SWITCH;TEA6422D,AUDIO SWITCH ,S	
8 IC704	1002-001048	IC-A/D&D/A CONVERTER;PCF8591T,8BIT,SOP,1	
8 IC705	1002-001048	IC-A/D&D/A CONVERTER;PCF8591T,8BIT,SOP,1	
8 IC603	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
8 IC602	1204-002048	IC-SOUND PROCESSOR;MSP3411G-QA-B8V3,PQFP	
8 R101	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R117	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R129	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R144	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R146	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R147	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R170	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R187	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R188	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R193	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R194	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R195	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
8 R196	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R706	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R708	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R732	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R733	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R734	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R735	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R788	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R791	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R79B	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R904	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
8 R102	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R103	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R107	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R108	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R111	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R112	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R113	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R114	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R116	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R122	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R123	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R124	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R128	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R171	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R172	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R177	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R178	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R179	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R180	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R199	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R601	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R602	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R624	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R625	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R626	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R627	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R646	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R647	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R703	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R707	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R709	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R711	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R722	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R724	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R756	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R757	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R772	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R773	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
8 R718	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
8 R720	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
8 R730	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
8 R154	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
8 R160	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
8 R163	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
8 R106	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R175	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R189	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R603	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R630	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R631	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R632	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R633	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R636	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R637	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R638	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R640	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R641	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R642	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R643	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R648	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R650	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R651	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R652	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R653	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R728	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R787	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R790	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R793	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R797	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R798	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
8 R176	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
8 R190	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
8 R181	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R182	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R183	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R184	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R604	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R611	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R688	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R750	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R755	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R771	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R774	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R780	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
8 R746	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
8 R747	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
8 R748	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
8 R749	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
8 R770	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
8 R185	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
8 R191	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
8 R741	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
8 R743	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
8 R744	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
8 R152	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R153	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R158	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R159	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R161	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R162	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
8 R704	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
8 R716	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
8 R105	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
8 R110	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
8 R738	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
8 R739	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
8 R740	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
8 R742	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
8 R745	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
8 R607	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
8 R612	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
8 R115	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
8 R608	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
8 R609	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
8 R758	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
8 R104	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
8 R109	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
8 R605	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R610	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R751	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R752	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R753	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R754	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
8 R118	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R119	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R120	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R121	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R130	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R131	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R135	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R136	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R138	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R139	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R141	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R173	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R174	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R701	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R702	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R710	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R712	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R713	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R714	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R715	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
8 R717	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R719	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R721	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R723	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R725	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R726	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R727	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R729	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R731	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R789	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R792	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R799	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
8 R606	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
8 R613	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
8 C820	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C821	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C824	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C825	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C828	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C829	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
8 C602	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C619	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C634	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C641	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C651	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C657	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C663	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C705	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C707	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C709	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C721	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C722	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C804	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C805	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C807	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C810	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C811	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C814	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C815	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C818	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C833	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C835	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C902	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C904	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
8 C114	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C115	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C116	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C117	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C118	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C119	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C120	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C121	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C128	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C129	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C130	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C131	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C140	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C141	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C145	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C146	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C148	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C149	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C660	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C661	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
8 C101	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C109	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C110	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C112	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
8 C653	2203-000332	C-CERAMIC,CHIP;0.012NF,5%,50V,C0G,TP,160	
8 C654	2203-000332	C-CERAMIC,CHIP;0.012NF,5%,50V,C0G,TP,160	
8 C605	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
8 C606	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
8 C608	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
8 C611	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
8 C613	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	

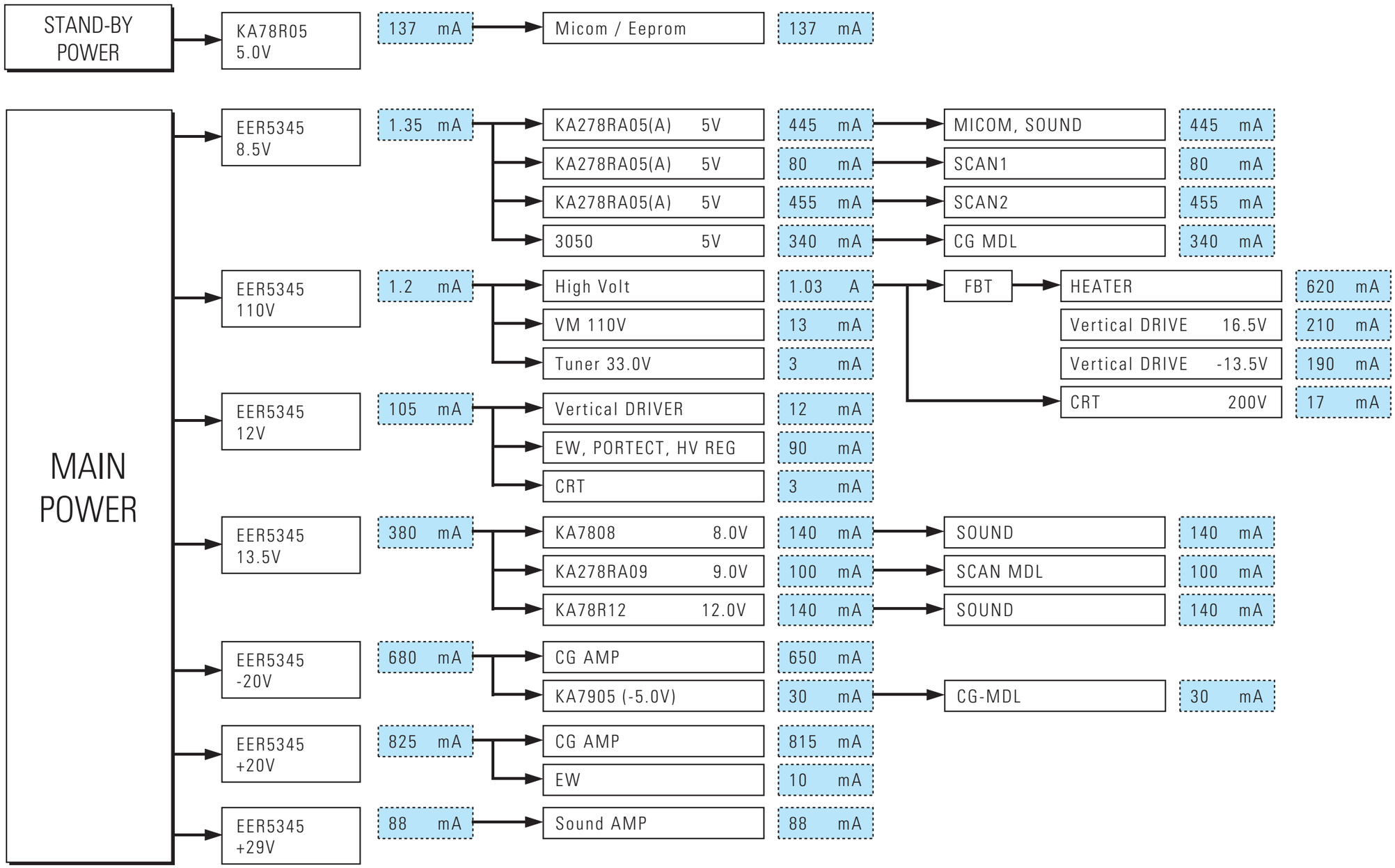
Loc. No.	Code No.	Description ; Specification	Remark
8 C614	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
8 C655	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
8 C658	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
8 C659	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
8 C635	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
8 C636	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
8 C637	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
8 C638	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
8 C710	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C711	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C712	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C713	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C714	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C715	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
8 C603	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 C701	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 C702	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 C703	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 C704	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 C708	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
8 L125	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L126	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L601	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L602	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L603	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L604	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L701	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L707	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L708	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L901	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L902	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
8 L702	3301-001324	CORE-FERRITE BEAD;AB,15OHM,2X1.25X0.9MM,	
8 PCB	AA41-00809A	PCB-MAIN;SP42W5,FR-4,2L,A,1.6T,245X245,P	
4	BP94-00145A	ASSY PCB MISC-PWR-DEF;SP43T6HPX/BWT,J54A	
5	0201-001059	ADHESIVE-SIL;#9590,WHT,-,CARTRIGE	
5	0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
5	0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	
5	0204-000442	SOLVENT;1M-1000,C3H70H,96,-	
5	0204-001527	FLUX;DF-201TVS,MIX,0.820,FLUX 13%, 14KG	
5 D831	0402-000250	DIODE-RECTIFIER;RG4C,1000V,1A,-	
5 D421	0402-000542	DIODE-RECTIFIER;RU4AM,600V,2A,-	
5 D422	0402-000542	DIODE-RECTIFIER;RU4AM,600V,2A,-	
5 DZS801	0406-001007	DIODE-TVS;P6KE180A,171/180/189V,600W,CAS	
5 Q403	0505-001116	FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W	
⚠ 5 PC801S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
⚠ 5 PC811S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
⚠ 5 IC431	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
⚠ 5 IC471	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
5 IC841	1203-001006	IC-VOLTAGE REGULATOR;78R05,TO-220F,4P,-,	
5 IC851	1203-001400	IC-POWER PRESCALER;SE110N,TO-220(SIP),3P	
5 ICS801	1203-002177	IC-PWM CONTROLLER;VIPER12ADIP,DIP,8P,300	
⚠ 5 NT801S	1404-001195	THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK	
⚠ 5 VP801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
5 R801	2003-000429	R-METAL OXIDE(S);1.5Kohm,5%,2W,AA,TP,4x1	
5 R833	2009-001096	R-METAL PLATE;0.07ohm,5%,5W,CL,BK,5x14x1	
⚠ 5 CY801S	2201-000446	C-CERAMIC,DISC;3.3NF,20%,400V,Y5U,TP,15X	
⚠ 5 CY802S	2201-000446	C-CERAMIC,DISC;3.3NF,20%,400V,Y5U,TP,15X	
⚠ 5 CY811S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,12.	
⚠ 5 CY812S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,12.	
5 C414	2301-001338	C-FILM,MPE-PPF;0.68nF,5%,1.6kV,TP,28x7x1	
5 C419	2301-001343	C-FILM,MPPF;3.9nF,5%,2kV,TP,29x9.5x16mm,	
5 C421	2301-001520	C-FILM,PPF;3.9NF,+-5%,1.6KV,TP,27X12.5X6	
5 C403	2301-001539	C-FILM,MPPF;1000NF,5%,400V,BK,28*25*18,2	
5 C422	2303-000128	C-FILM,PPF;12nF,5%,1.6KV,BK,31x21x14,25m	
5 C404	2306-000102	C-FILM,MPPF;1.2uF,5%,250V,TP,29*31*14.5,	
⚠ 5 CX801S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm	
⚠ 5 CX802S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm	
5 C435	2306-000322	C-FILM,MPPF;12nF,5%,1.6KV,TP,29x20.5x13,	
5 C832	2306-000323	C-FILM,MPPF;2.2nF,5%,1.6KV,TP,28.5x15.5x	
5 C864	2401-000787	C-AL;220uF,20%,160V,GP,TP,16x31.5mm	
5 C863	2401-001675	C-AL;820uF,20%,200V,GP,BK,25x50mm,1	
5 C852	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
5 C815	2401-003465	C-AL;680UF,20%,450V,GP,BK,35X60MM,22.5	
5 C858	2401-003555	C-AL;3300uF,20%,25V,WT,TP,16x25,7.5	
5 C860	2401-003555	C-AL;3300uF,20%,25V,WT,TP,16x25,7.5	
5 RS801	3601-000102	FUSE-AXIAL LEAD;125V,1A,FAST-ACTING,GLAS	
⚠ 5 FP801S	3601-001007	FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,	

Loc. No.	Code No.	Description ; Specification	Remark
5 CN502A	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
5 CNZ02	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
5 CNZ04	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
5 CNZ05	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
5 CNZ01	3711-003046	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,STRAIGH	
5 IC402	AA13-00094A	IC HYBRID;-,DDRI001A,SIP,5P,-,TP	
5 T401	AA26-50001S	TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,44uH,-	
5 L433	AA27-00070A	COIL LINEARITY;-,7uH,YL81 DR1518,11mm,17	
5 L862	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
5 L863	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
5 L864	AA27-10002L	COIL CHOKE;-,24uH,K,-,2A,-,24UH-K,10x10m	
5 LB02	AA27-40001S	COIL HORIZ. WIDTH;-,110uH,SB-5S8202.6,PI	
5 L432	AA27-40003F	COIL HORIZ. WIDTH;-,3.0MH,ER14x20,PI0.35	
⚠ 5 LX801S	AA29-30002L	FILTER LINE NOISE;-,10mHMIN,5A,AC90~260V	
⚠ 5 LX802S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
⚠ 5 LX803S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
5 CN801	AA39-00180A	LEAD CONNECTOR-ASSY;,14P,100MM,YBNH250-1	
5 GT301	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	
5 ICZ03	AA96-00038B	ASSY H/S;-,CONVERGENCE,AA62-30173E,STK39	
5 ICZ04	AA96-00038B	ASSY H/S;-,CONVERGENCE,AA62-30173E,STK39	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	1201-001512	IC-VIDEO AMP;392,SIP,22P,-,TRIPLE,-,PLAS	
6	6003-001021	SCREW-TAPTITE;RH,+,B,M3,L15,ZPC(YEL),SWR	
6	AA62-30173E	HEAT SINK-ES;-,-,T1.0,WHITE,SCREW-HOLE(1	
5 D855	AA96-00243E	ASSY H/S;-,SOUND,AA62-00045A,FMG-G26S	
5 D856	AA96-00243E	ASSY H/S;-,SOUND,AA62-00045A,FMG-G26S	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000231	DIODE-RECTIFIER;FMG-G26S,600V,4A,TO-220F	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
5 Q401	AA96-00275G	ASSY H/S;SCREW,OIL,AA62-00051B,FJL6920YD	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,TO-3PF,	
6	0502-001230	TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F	
6	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
6	AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	
6	AA62-00051B	HEAT SINK-PS;-,-,-,SILVER,HOLE 34mm,ALL,	
5 IC831S	AA96-00275N	ASSY H/S;,AA62-00051A,STR-X6459,SP42WHP	
6 CIS	0205-000129	GREASE-SILICON;SC102,JAPAN	
6 CIS	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
6 CIS	AA62-00051A	HEAT SINK-PS;-,-,-,SILVER,HOLE 31mm,ALL,	
6 CIS	BP13-00004A	IC HYBRID;STR-X6459A,COMMANDO,7,-20 TO +	
5 D811S	AA96-00276A	ASSY H/S;-,BRIDGE,AA62-00052A,RBV606,WAS	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000549	DIODE-BRIDGE;RBV606,600V,6A,-,BK	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA60-30003A	WASHER;T1.5,SBHG-1	
6	AA62-00052A	HEAT SINK-PS;-,-,-,SILVER,HOLE 18.5mm, 2	
5 D851	AA96-00475B	ASSY H/S;SILICON-OIL,FMLG-12S(4),AA62-00	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
6	1203-000165	IC-POSI.ADJUST REG.;78R12,TO-220,4P,-,PL	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
6	AA62-00066B	HEAT SINK;D2,D3,AL ,T1.0,89,70,-,AA62-00	
5 IC301	AA96-00623A	ASSY H/S;-,POWER,AA62-00056A,LA7845	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	1204-000517	IC-VERTICAL DEF.;LA7845,SIP,7P,-,PLASTIC	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
6	AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,	
5 TS801S	BP26-00001A	TRANS SWITCHING-POWER;19B012,P55A,HCM421	
5 T444S	BP26-00005A	TRANS FBT;FUW50A003,PJCPT,2.3MH,FEERITE,	
5 T801S	BP26-00006A	TRANS SWITCHING;EER5345,P55A,HCM4215W,80	
5	BP39-00003A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1617	
5 CNZW01	BP39-00005A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL2547	
5 CN802	BP39-00014A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1007	
5 Q433	BP96-00083A	ASSY HEAT SINK P;H/S,SCREW,KSD73,OIL SIL	
6 CIS	0205-000129	GREASE-SILICON;SC102,JAPAN	
6 CIS	0502-000298	TR-POWER;KSD73,NPN,30000mW,TO-220,TP,120	
6 CIS	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6 CIS	BP62-00009A	HEAT SINK-PS;SP-42W5HP,A1050S,T2.0,25,49	
5 Q471	BP96-00083B	ASSY HEAT SINK P;H/S,SCREW,KSC2335,OIL S	
6 CIS	0205-000129	GREASE-SILICON;SC102,JAPAN	
6 CIS	0502-001118	TR-POWER;KSC2335,NPN,40W,TO-220,ST,30-6	
6 CIS	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6 CIS	BP62-00009A	HEAT SINK-PS;SP-42W5HP,A1050S,T2.0,25,49	
5	BP97-00128A	ASSY AUTO;SP43T6HPX/BWT,J54A	
6 D302	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	

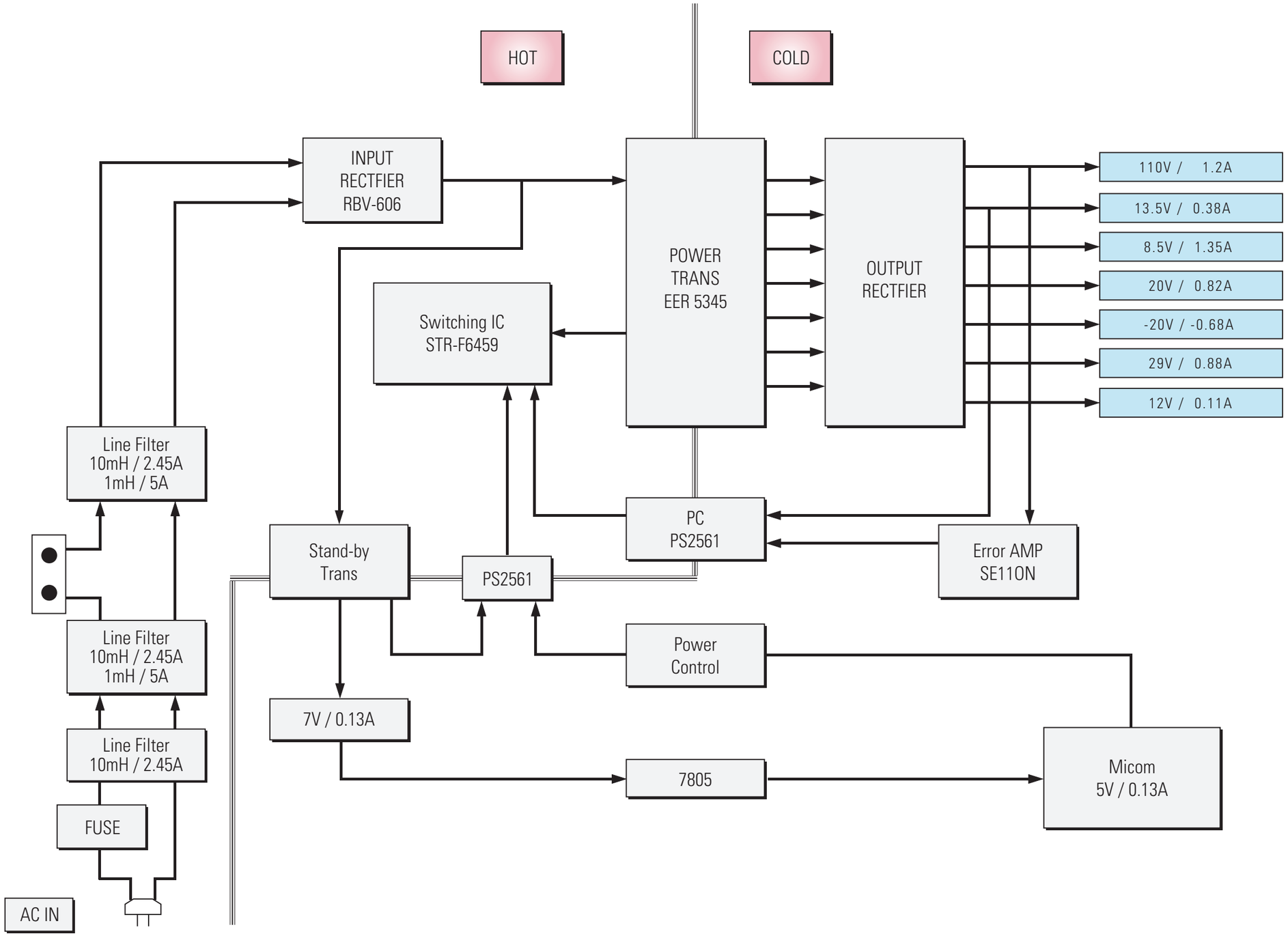
Loc. No.	Code No.	Description ; Specification	Remark
⚠ 6 D403	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
⚠ 6 D407	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
6 DS802	0401-000006	DIODE-SWITCHING;BAV21,250V,250mA,DO-35,T	
6 DS804	0401-000006	DIODE-SWITCHING;BAV21,250V,250mA,DO-35,T	
⚠ 6 D435	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
⚠ 6 D461	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
⚠ 6 D462	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
⚠ 6 D463	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
⚠ 6 D464	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
6 D857	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
6 DS801	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP	
⚠ 6 D401	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
⚠ 6 D428	0402-000537	DIODE-RECTIFIER;RH1A,600V,0.6A,DO-204AC	
⚠ 6 D404	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
6 D301	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
6 D405	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
6 D413	0402-001286	DIODE-RECTIFIER;RP1H,2000V,.1A,-,TP	
6 D843	0402-001443	DIODE-RECTIFIER;EGP20K,800V,2A,DO-15,TP	
6 DZ304	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41	
6 DZ305	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41	
6 DZS802	0403-000704	DIODE-ZENER;TZP7.5B,7.5V,7.5-8.4V,1W,DO-	
6 DZ462	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
6 DZ831	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
6 DZ471	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
6 DZ306	0403-000734	DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO-	
6 DZ307	0403-000734	DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO-	
6 DZS804	0403-001167	DIODE-ZENER;MTZJ30D,30V,29.02-30.51V,500	
6 DZ413	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
6 DZ461	0403-001321	DIODE-ZENER;MTZJ6.8C,6.66-7.01V,500mW,DO	
6 DZ832	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
6 DZ833	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
6 DZ851	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
6 DZ302	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
6 DZ303	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
6 DZS803	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
6 DZS805	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,D	
6 DS805	0404-001056	DIODE-SCHOTTKY;RK16,60V,1.5A,DO-204AC,TP	
6 Q432	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
6 Q461	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
6 Q301	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 Q460	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 Q462	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 Q482	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 Q851	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 QS801	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 QS802	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
6 VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
6 R811	2001-000002	R-CARBON(S);200KOHM,5%,1/2W,AA,TP,6.4X2.	
6 R812	2001-000002	R-CARBON(S);200KOHM,5%,1/2W,AA,TP,6.4X2.	
6 R476	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R484	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R459	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R434	2001-000012	R-CARBON;680KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R303	2001-000016	R-CARBON(S);10HM,5%,1/2W,AA,TP,2.4X6.4MM	
6 R836	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
6 R855	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 RS807	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 RS808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 RS803	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
6 R479	2001-000107	R-CARBON(S);150KOHM,5%,1/2W,AA,TP,2.4X6.	
6 R834	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
6 R473	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R474	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R481	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R432	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R314	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R852	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R417	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R475	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R431	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R456	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 RZ112	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 RZ133	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 RZ134	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 RZ135	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R457	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R469	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

8. Block Diagram

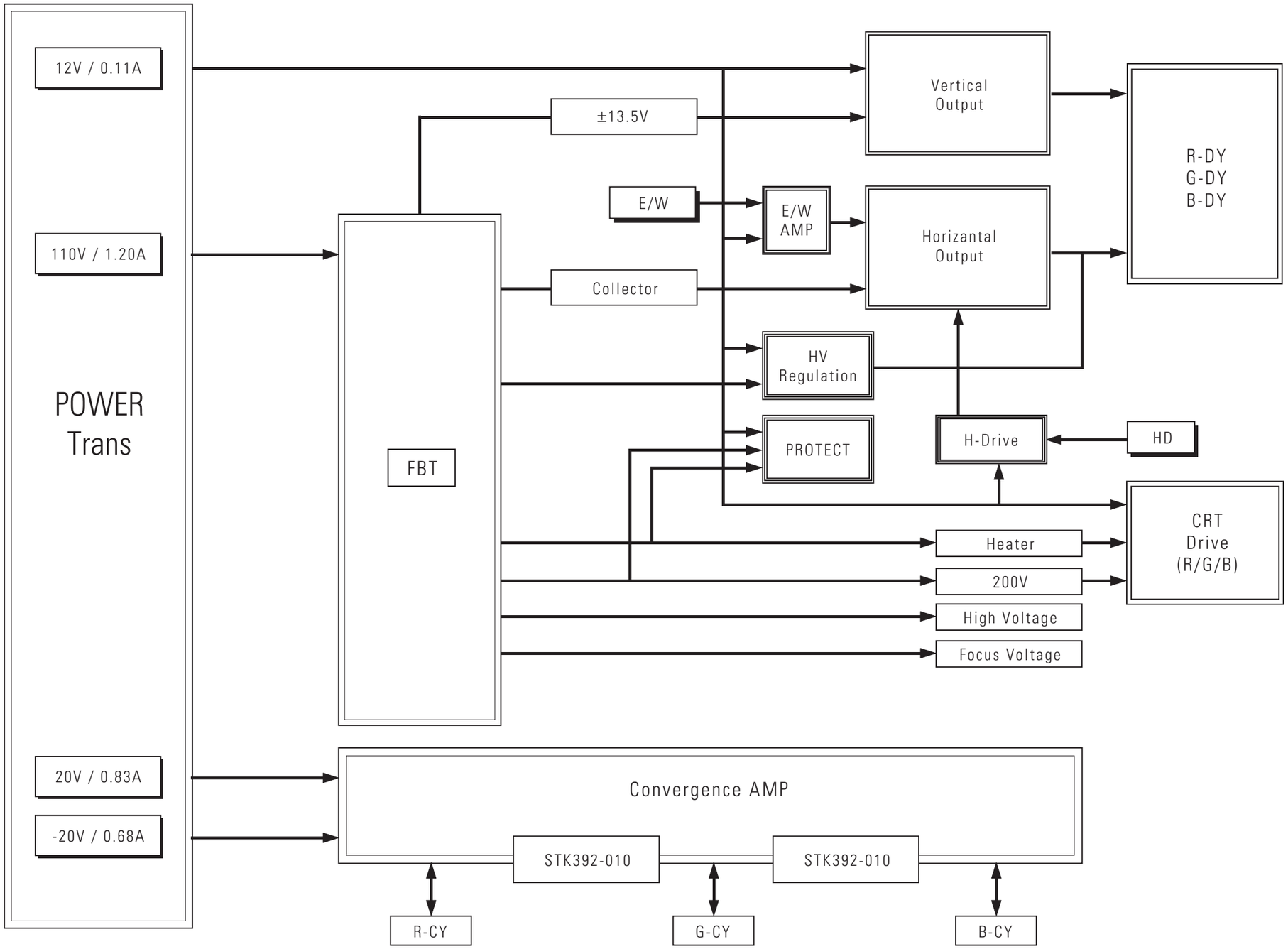
8-1 Current System



8-2 Power Supply System

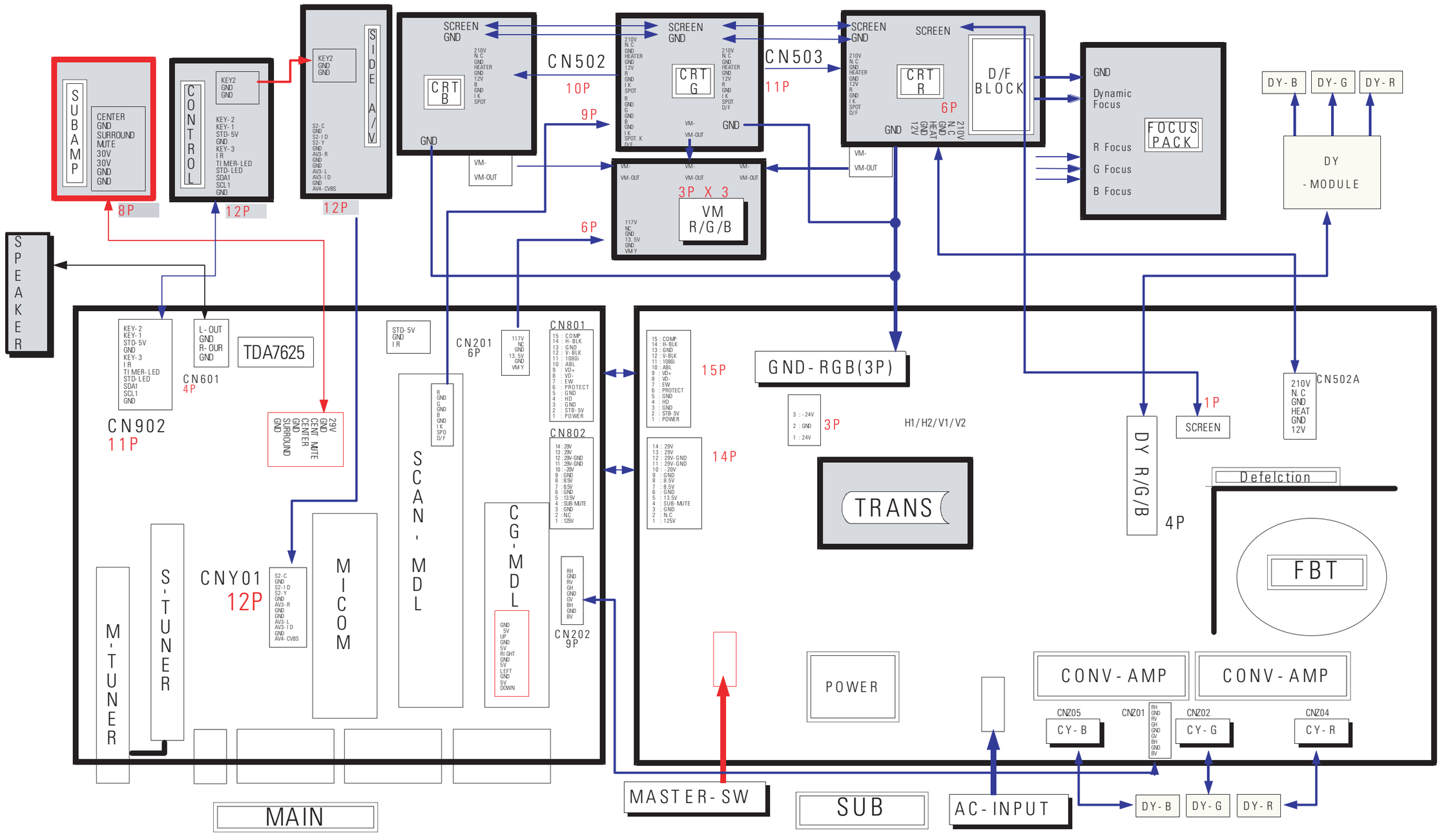


8-3 Deflection System



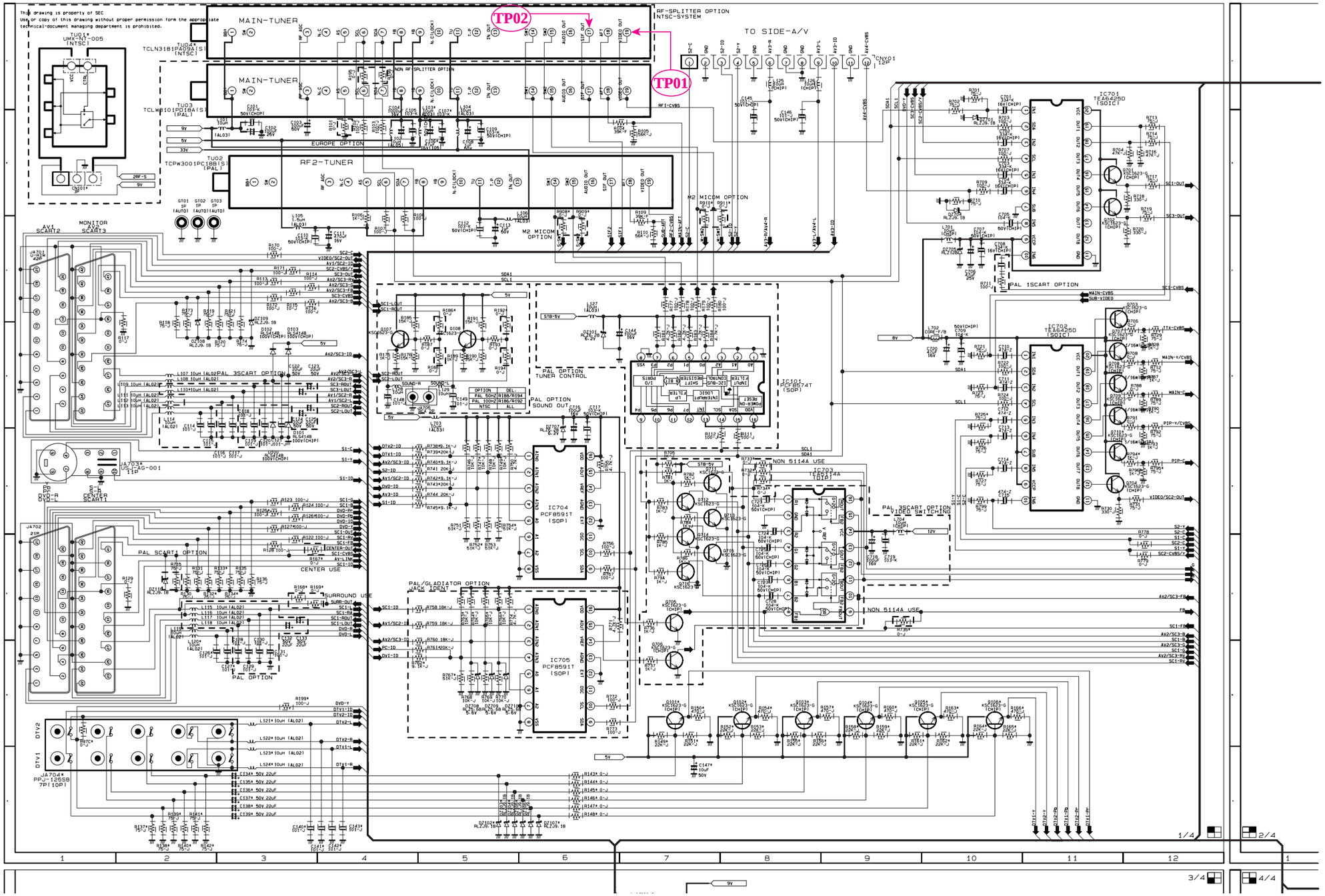
9. Wiring Diagram

9-1 Connection(Progressive)



10. Schematic Diagrams

10-1 MAIN 1



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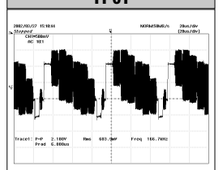

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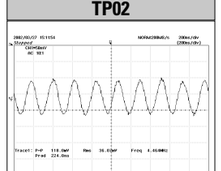
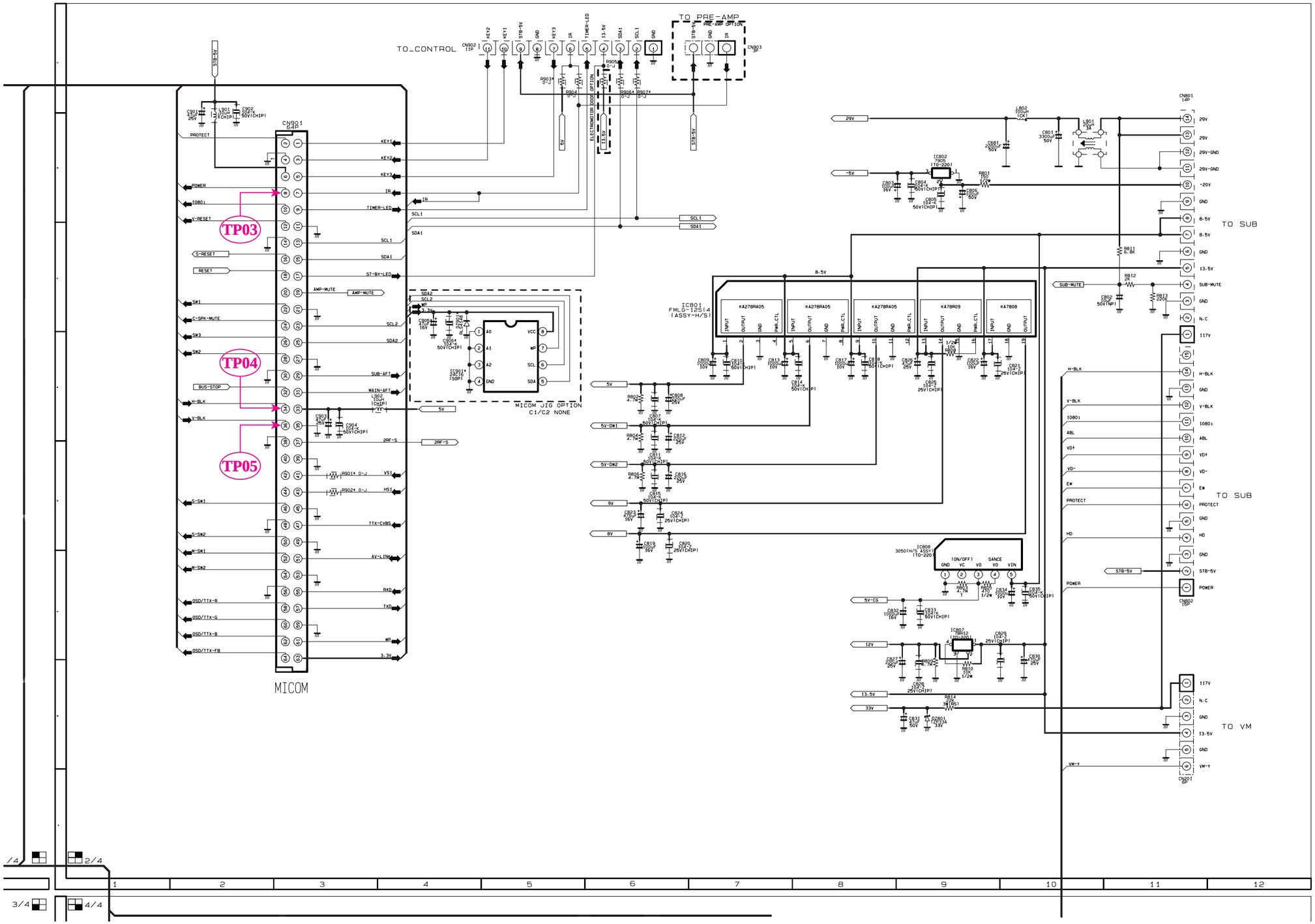


10-2 MAIN 2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MICOM
TO SUB
TO SUB
TO VM
TP03
TP04
TP05
MICOM JIG OPTION
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IC801
FMLG-12S(4
(ASSY-M/S)
KA278RA05
KA278RA05
KA278RA05
KA78R09
KA7808
IC808
3050(H/S ASSY)
(TO-220)
IC807
78R12
(TO-220)
IC802
78R05
(TO-220)
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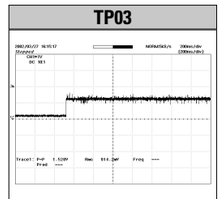
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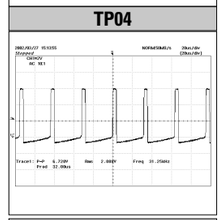
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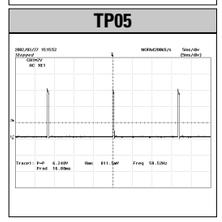
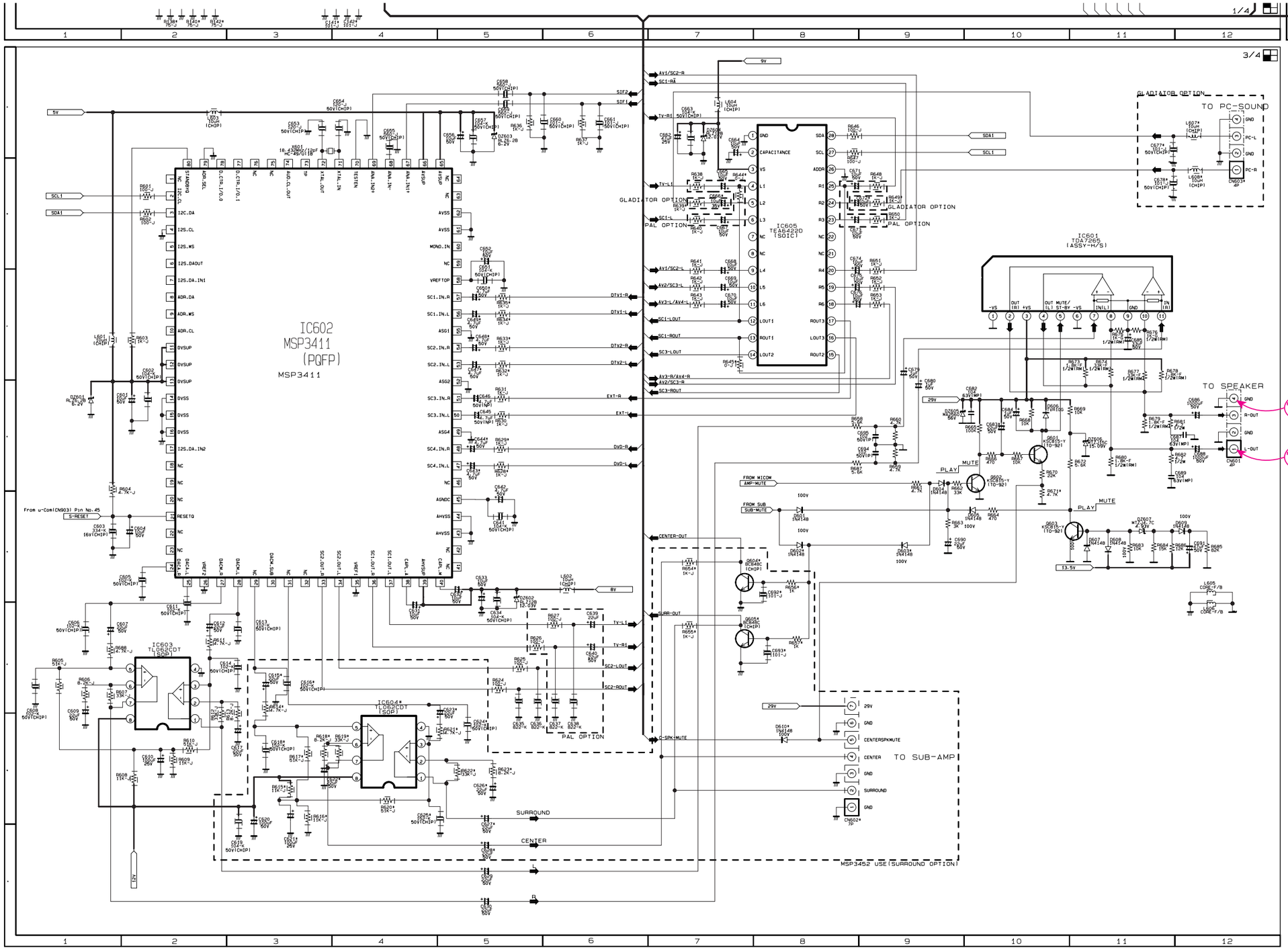
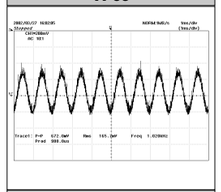

TP05

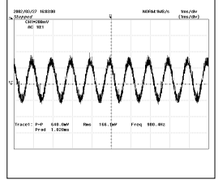
10-3 MAIN 3



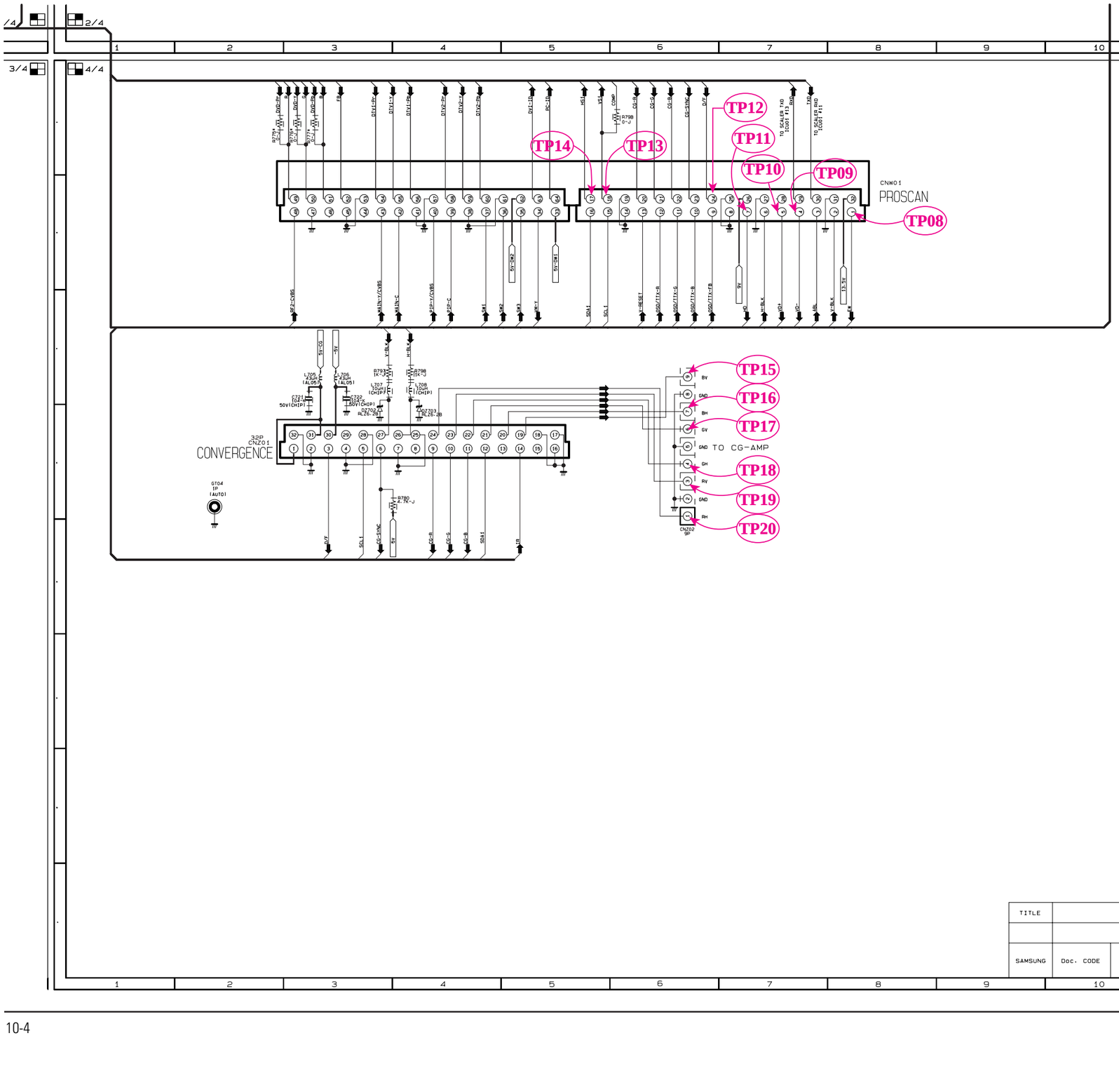
TP06

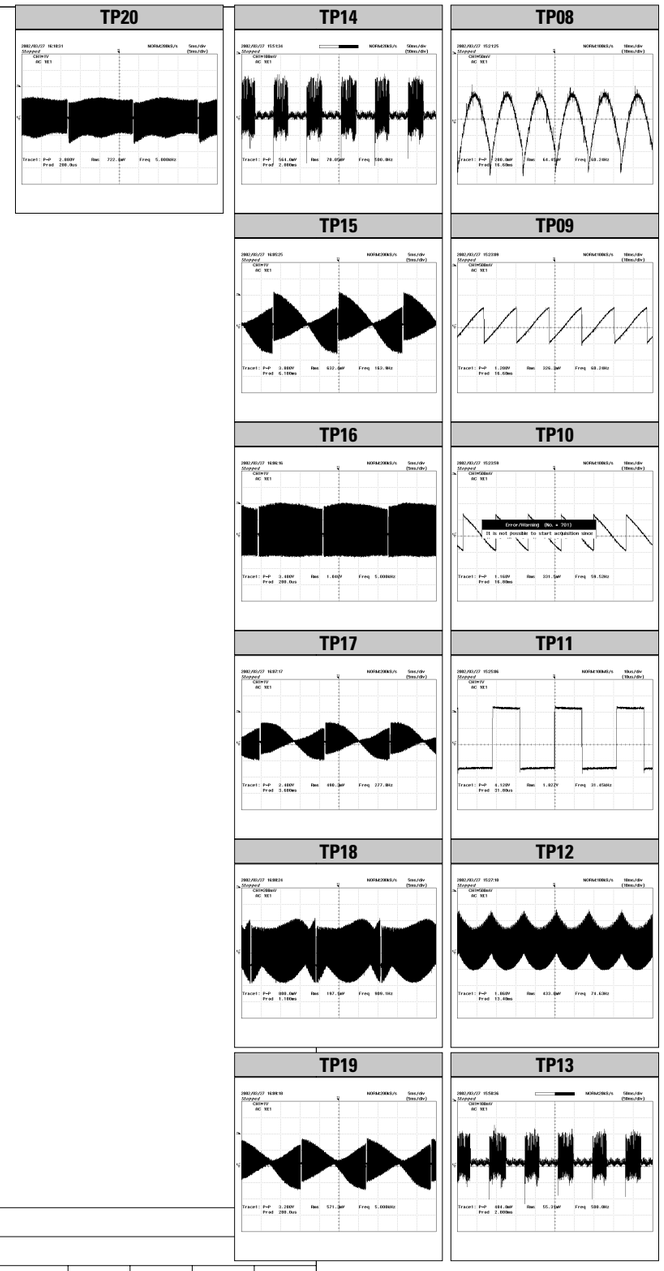


TP07



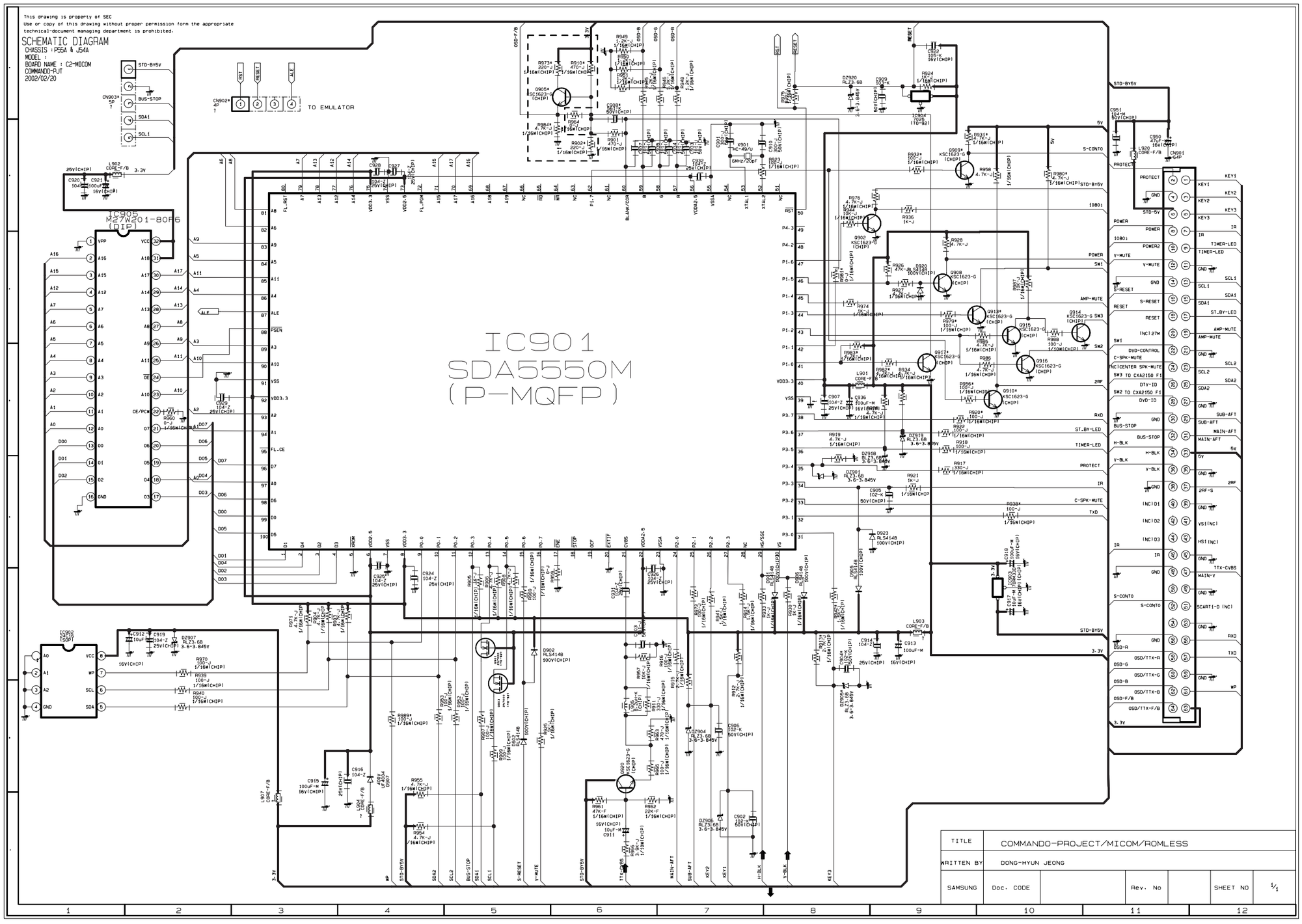
10-4 MAIN 4





TITLE							
SAMSUNG	Doc. CODE		Rev. No		SHEET NO	/	

10-5 MICOM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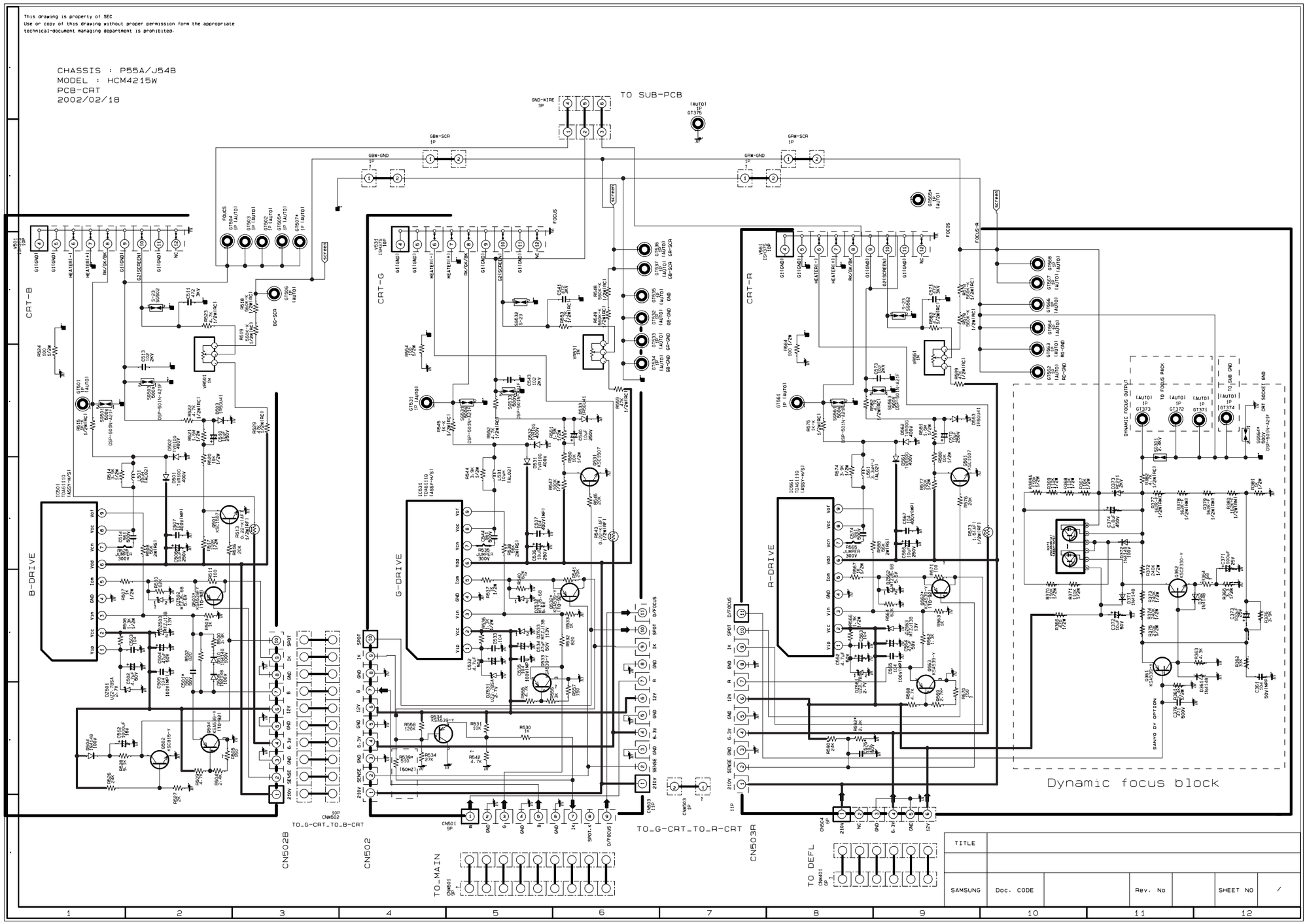
SCHEMATIC DIAGRAM
CHASSIS : P55A & J54A
MODEL :
BOARD NAME : C2-MICOM
COMMANDO-PJT
2002/02/20
IC901
SDA5550M
(P-MQFP)
IC905
M27W201-80F6
(DIP)
IC902
24C16
(SOP)
TO EMULATOR
STD-BY5V
BUS-STOP
SDA1
SCL1
3.3V
5V
TITLE
COMMANDO-PROJECT/MICOM/ROMLESS
WRITTEN BY
DONG-HYUN JEONG
SAMSUNG
Doc. CODE
Rev. No
SHEET NO

10-6 CRT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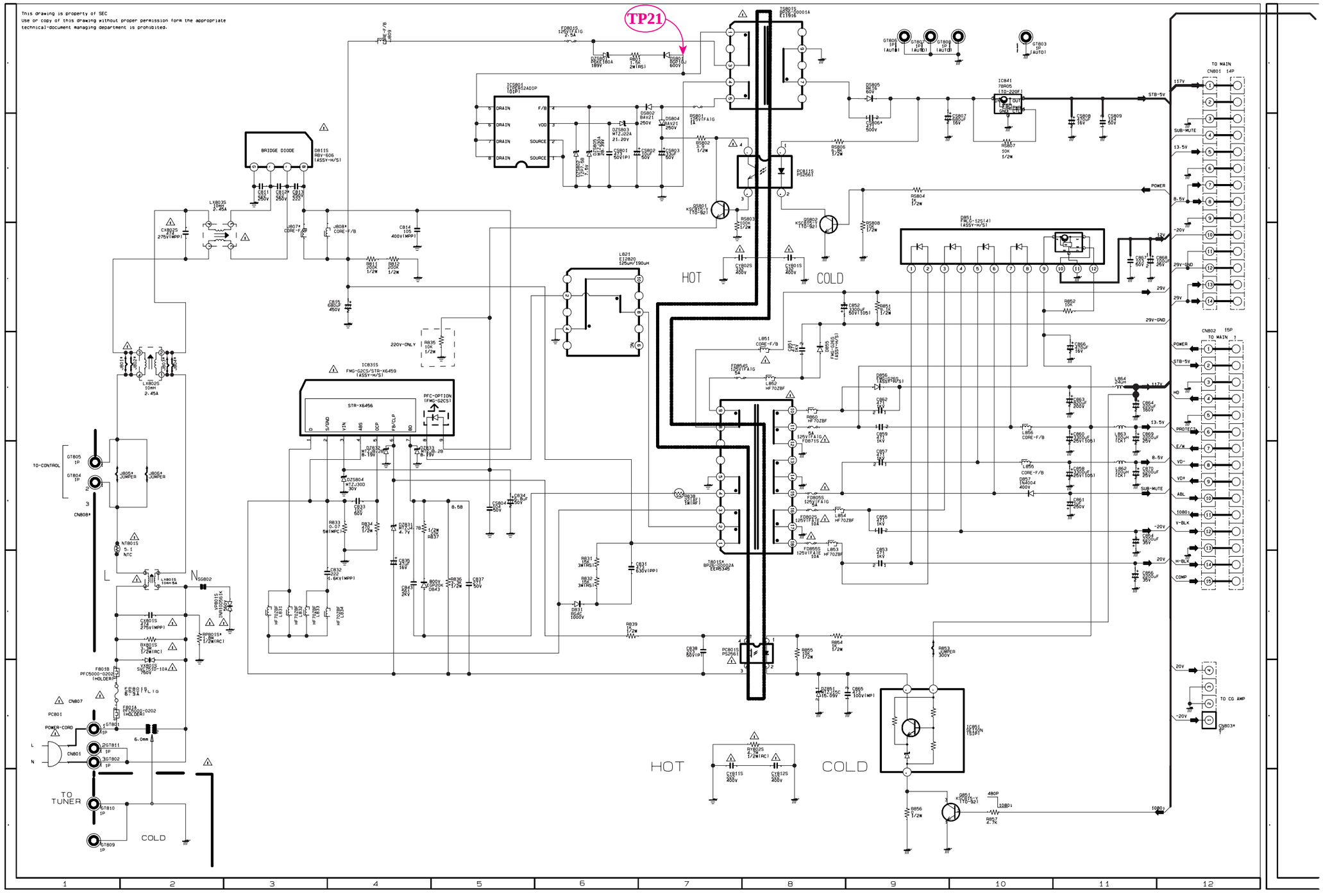
technical-document managing department is prohibited.
CHASSIS : P55A/J54B
MODEL : HCM4215W
PCB-CRT
2002/02/18
TO SUB-PCB
GND-WIRE 3P
GBW-SCR 1P
GBW-GND 1P
GRW-SCR 1P
GRW-GND 1P
CRT-B
CRT-G
CRT-R
B-DRIVE
G-DRIVE
R-DRIVE
FOCUS
SCREEN
Dynamic focus block
DYNAMIC FOCUS OUTPUT
TO FOCUS PACK
TO SUB GND
CRT SOCKET GND
SANYO DY OPTION
TO_G-CRT_TO_B-CRT
TO_G-CRT_TO_R-CRT
CN502B
CN502
CN503R
TO_MAIN
TO DEFL
TITLE
SAMSUNG
Doc. CODE
Rev. No
SHEET NO

10-7 SUB 1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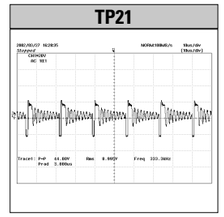
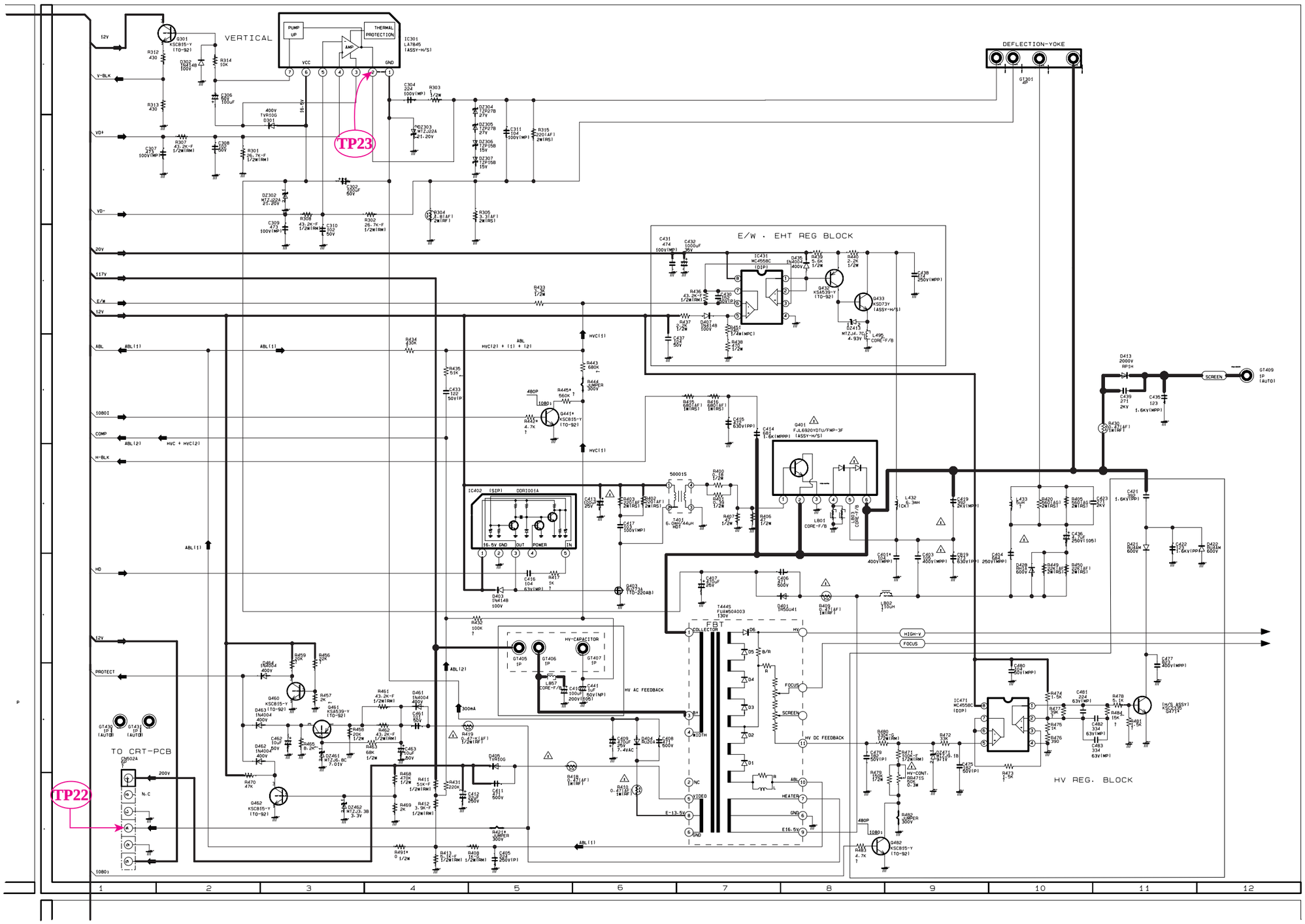
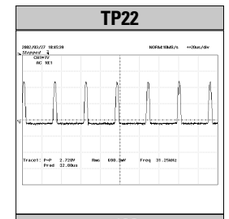
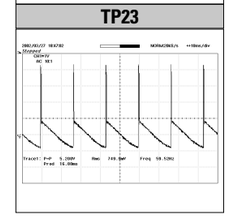
TP21
HOT
COLD
BRIDGE DIODE
STR-X6456
FMS-G2CS/STR-X6459
PFC-OPTION
TO TUNER
TO CONTROL
TO MAIN
TO CG AMP
220V-ONLY
POWER-CORD
STB-5V
SUB-MUTE
POWER
PROTECT
SUB-MUTE
117V
13.5V
8.5V
29V
29V-GND
-20V
20V


TP21

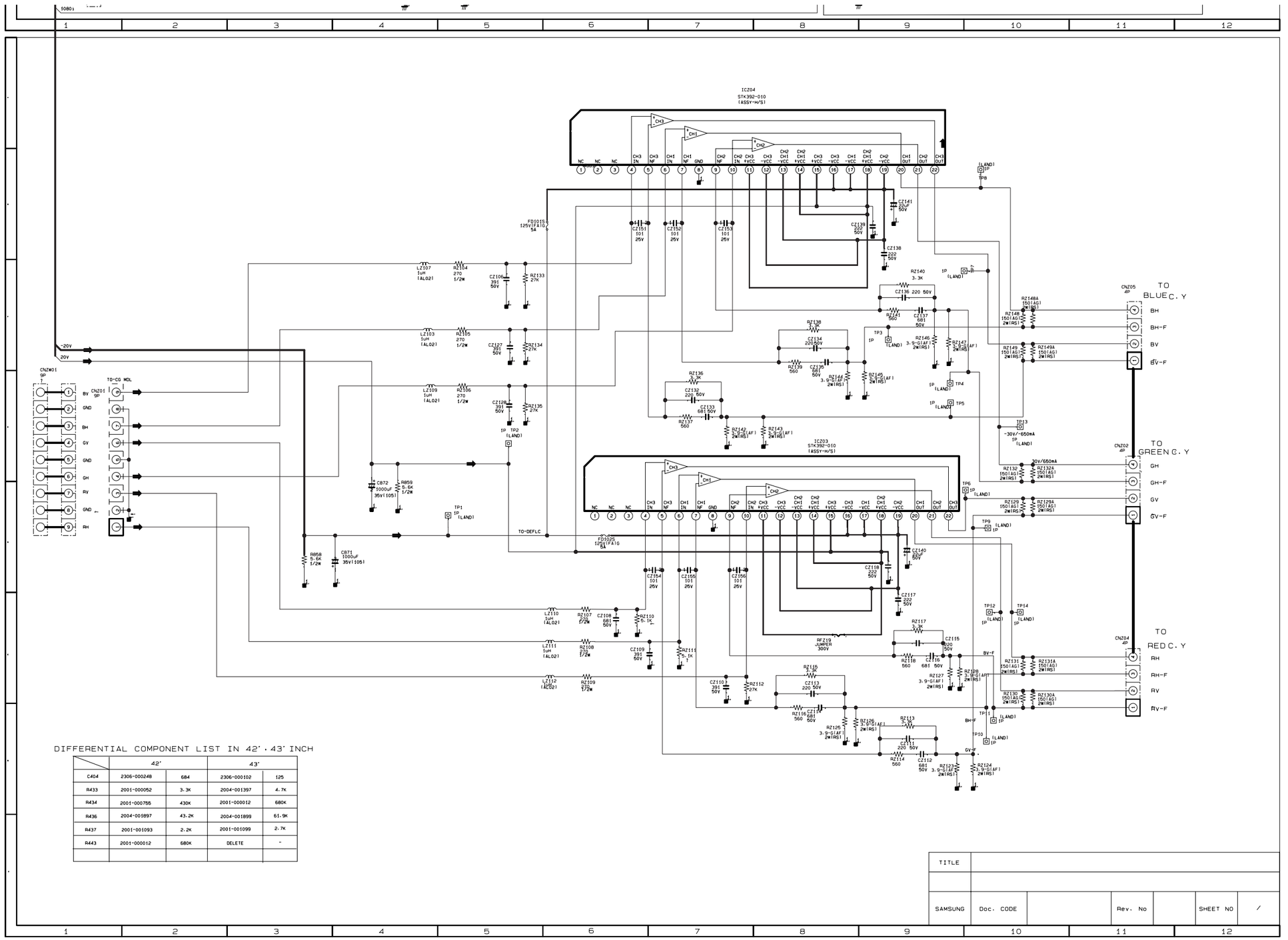
10-8 SUB 2


VERTICAL
PUMP UP
THERMAL PROTECTION
AMP
VCC
GND
IC301 LA7845 (ASSY-H/S)
TP23
DEFLECTION-YOKE
GT301
E/W · EHT REG BLOCK
IC431 MC4558C (DIP)
HV-CAPACITOR
HV AC FEEDBACK
HV DC FEEDBACK
FBT
COLLECTOR
VIDEO
WIDTH
FOCUS
SCREEN
HEATER
HV
HIGH-V
TO CRT-PCB
CN502A
TP22
HV REG. BLOCK
IC471 MC4558C (DIP)
SCREEN
GT409 1P (AUTO)
IC402 (SIP) CDR1001A
T445 FUA4W50A003 130V
T401 6.0mH*44μH HDI
L801 CORE-F/B
L802 110UH
L432 6.3mH (CK)
IC402 (SIP) CDR1001A
12V
V-BLK
VD+
VD-
20V
117V
E/W
ABL
10801
COMP
H-BLK
HD
PROTECT
200V
1080i


TP22


TP23

10-9 SUB 3

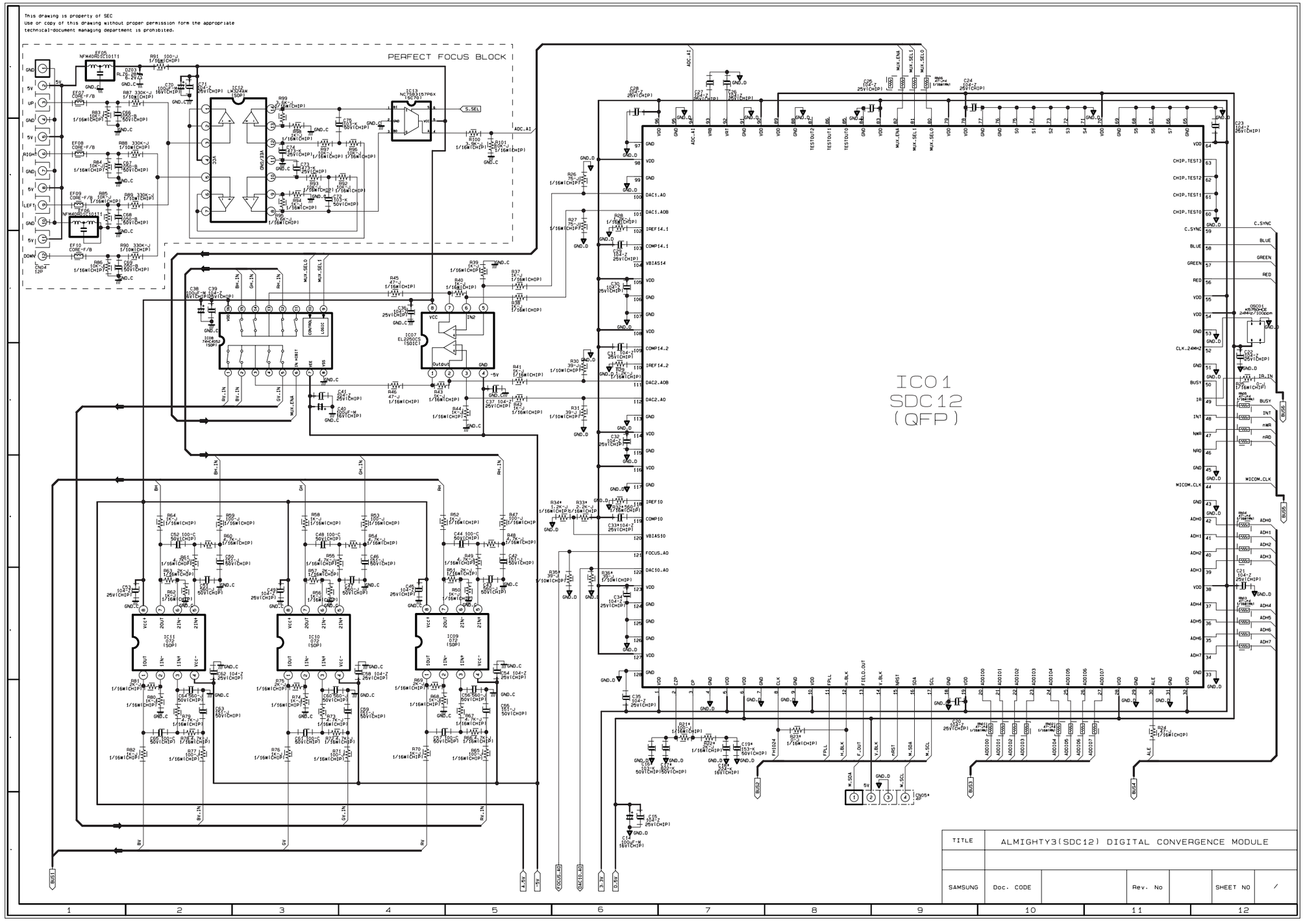


DIFFERENTIAL COMPONENT LIST IN 42'·43' INCH

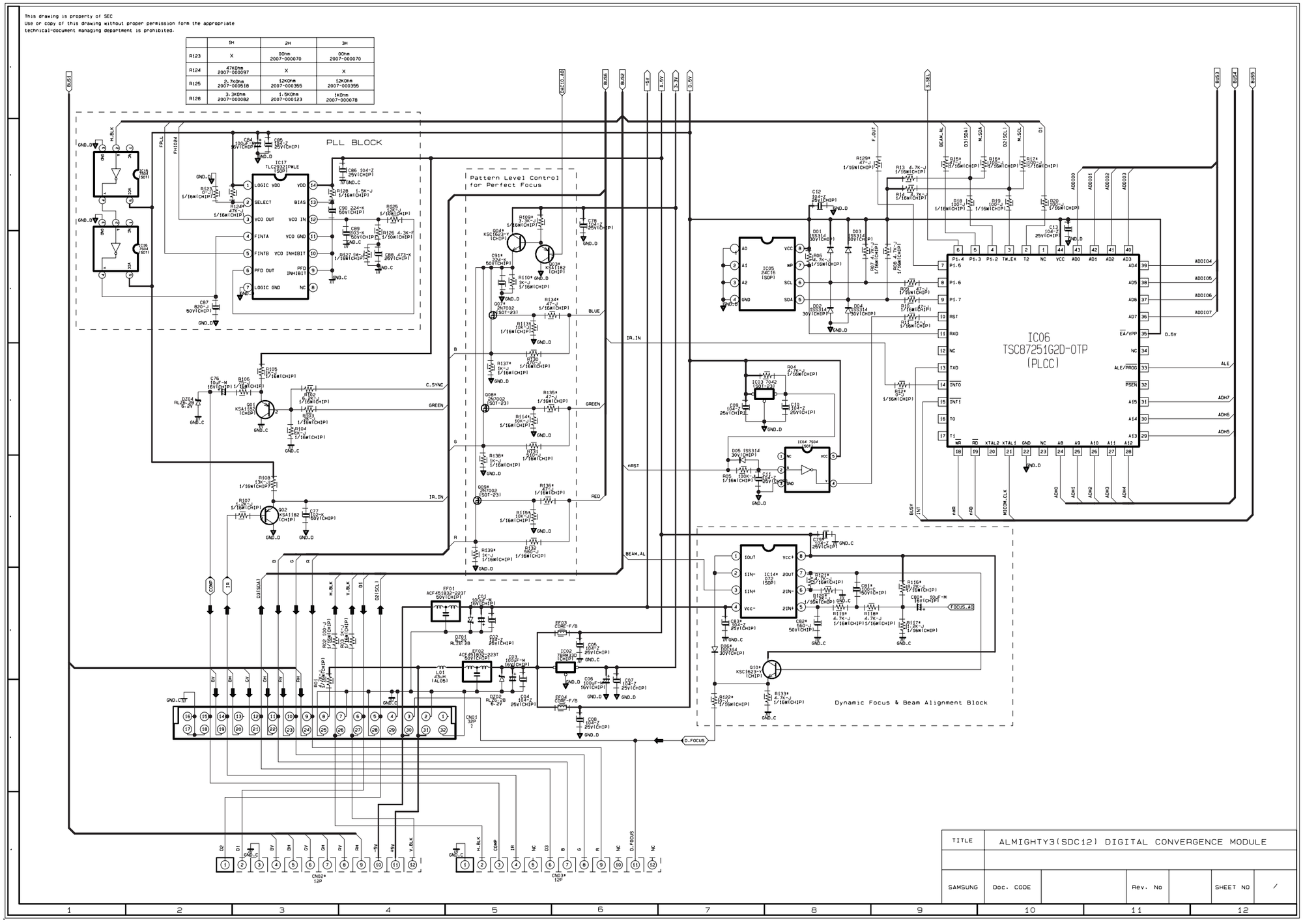
	42'		43'	
C404	2306-000248	684	2306-000102	125
R433	2001-000052	3.3K	2004-001397	4.7K
R434	2001-000755	430K	2001-000012	680K
R436	2004-001897	43.2K	2004-001899	61.9K
R437	2001-001093	2.2K	2001-001099	2.7K
R443	2001-000012	680K	DELETE	-

TITLE						
SAMSUNG	Doc. CODE		Rev. No		SHEET NO	/

10-10 CONVERGENCE (SDC12 - 1)



10-11 CONVERGENCE (SDC12 - 2)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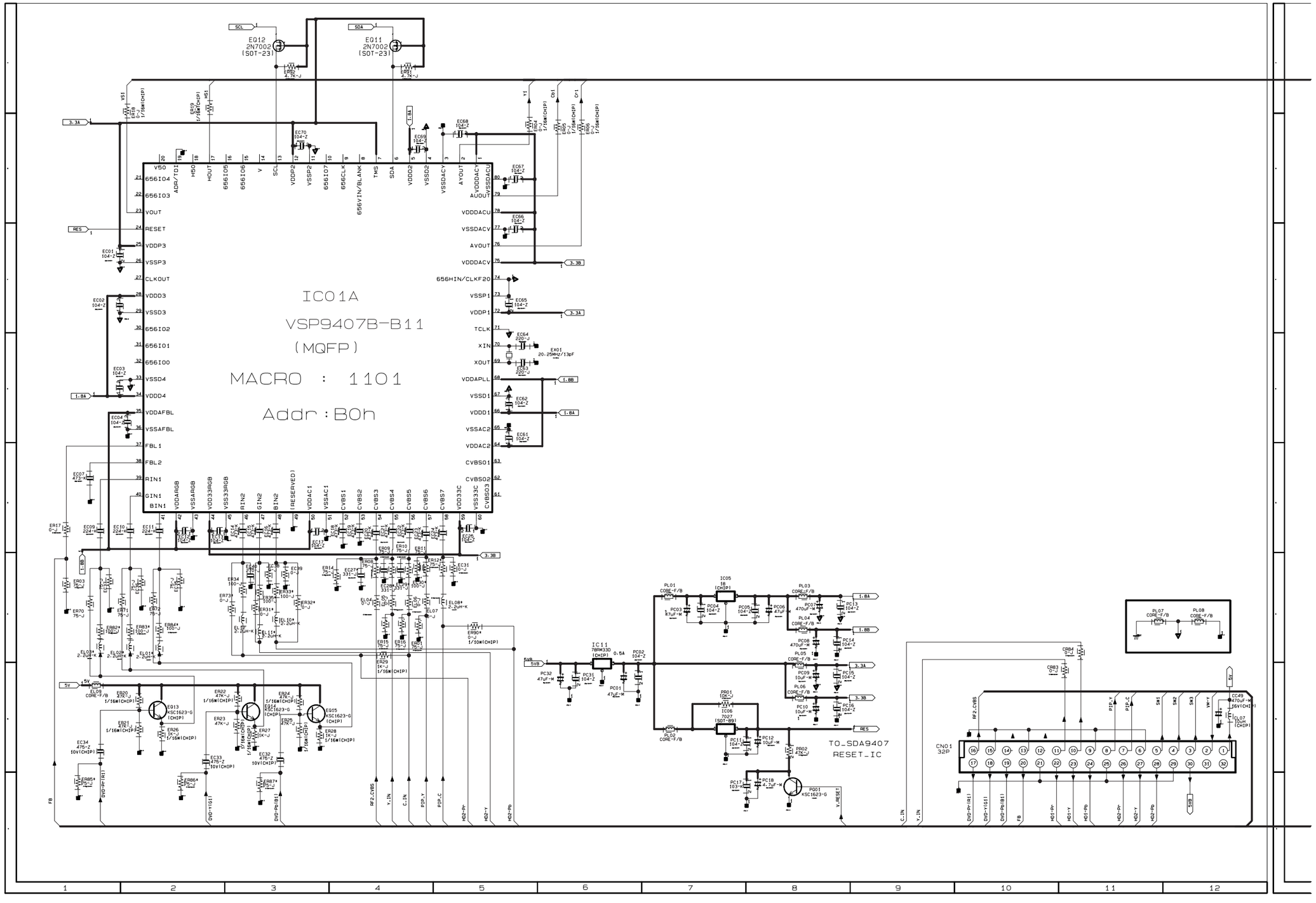
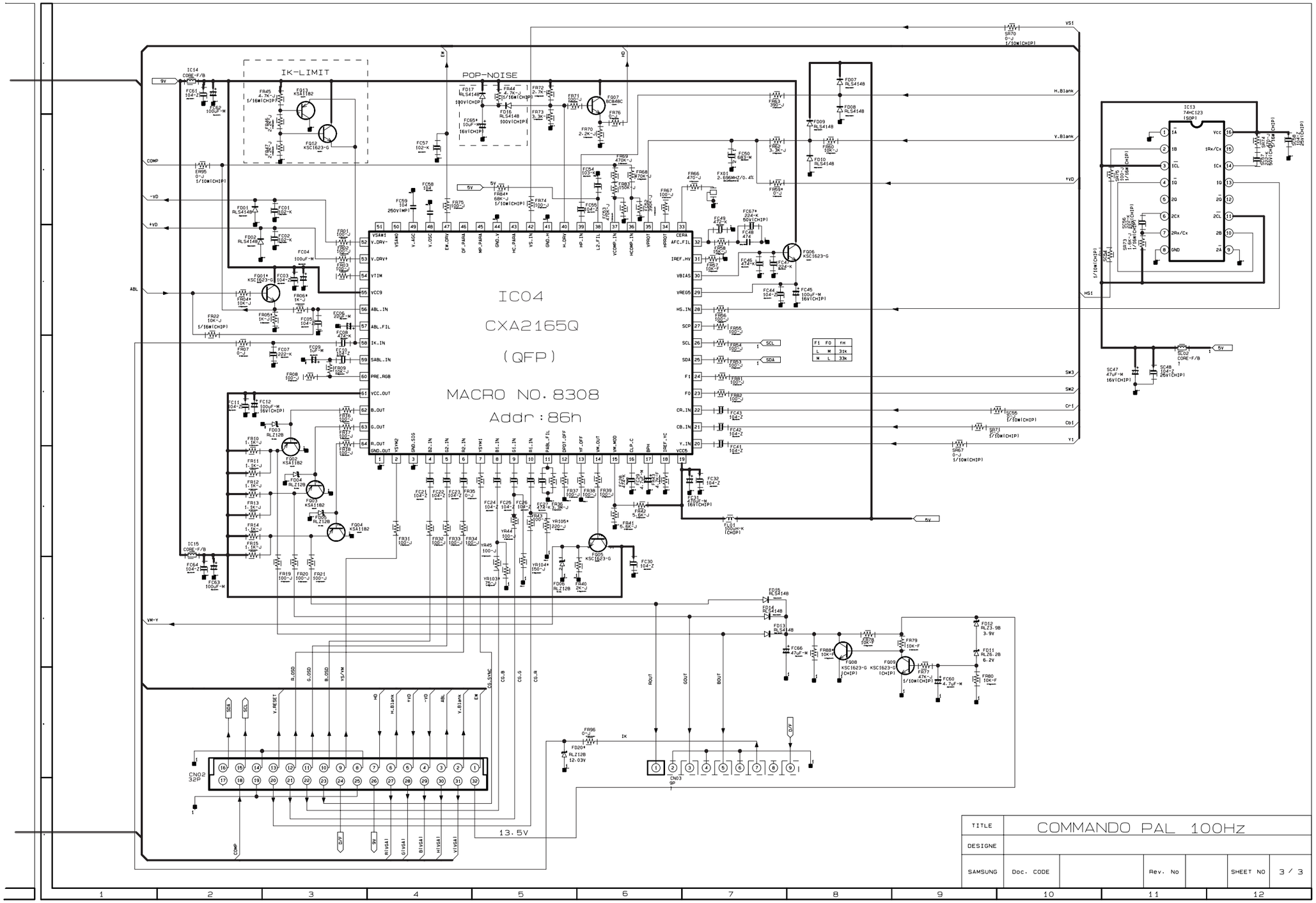
PLL BLOCK
Pattern Level Control for Perfect Focus
Dynamic Focus & Beam Alignment Block
IC06 TSC87251G2D-OTP (PLCC)
TITLE
ALMIGHTY3(SDC12) DIGITAL CONVERGENCE MODULE
SAMSUNG
Doc. CODE
Rev. No
SHEET NO

10-12 PRO SCAN 1



10-13 PRO SCAN 2



10-14 AV FRONT

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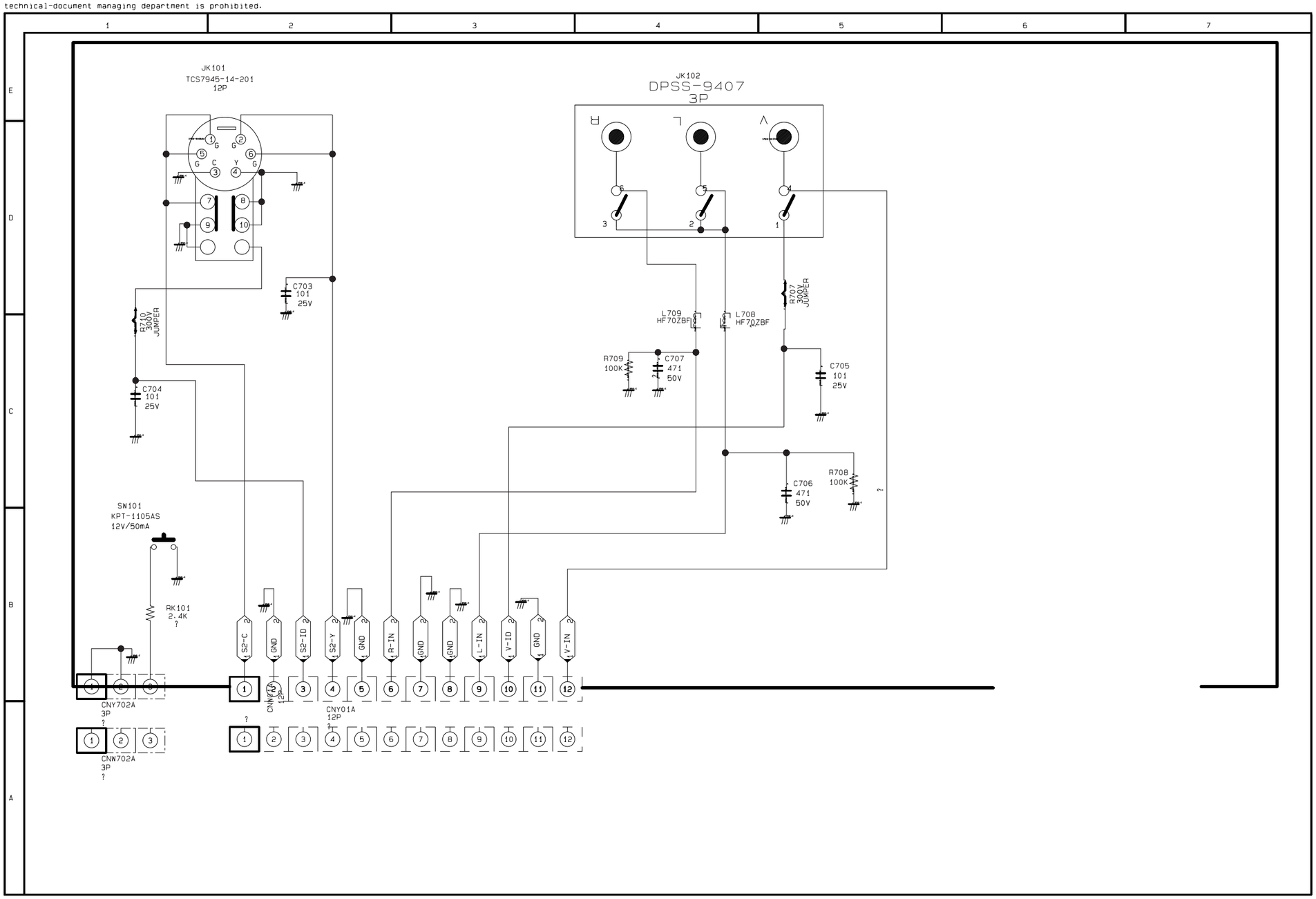

10-15 VM

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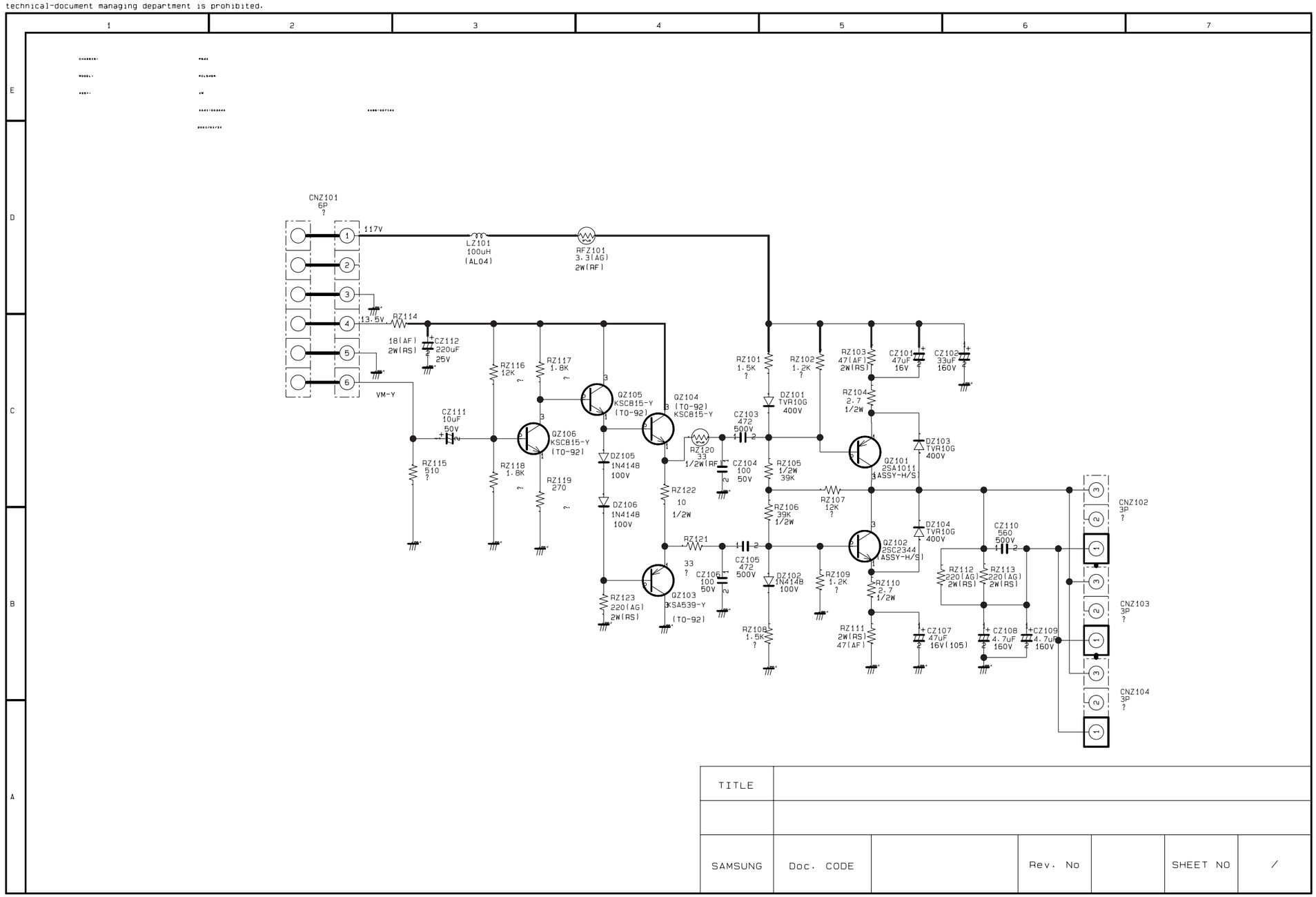

10-16 CONTROL

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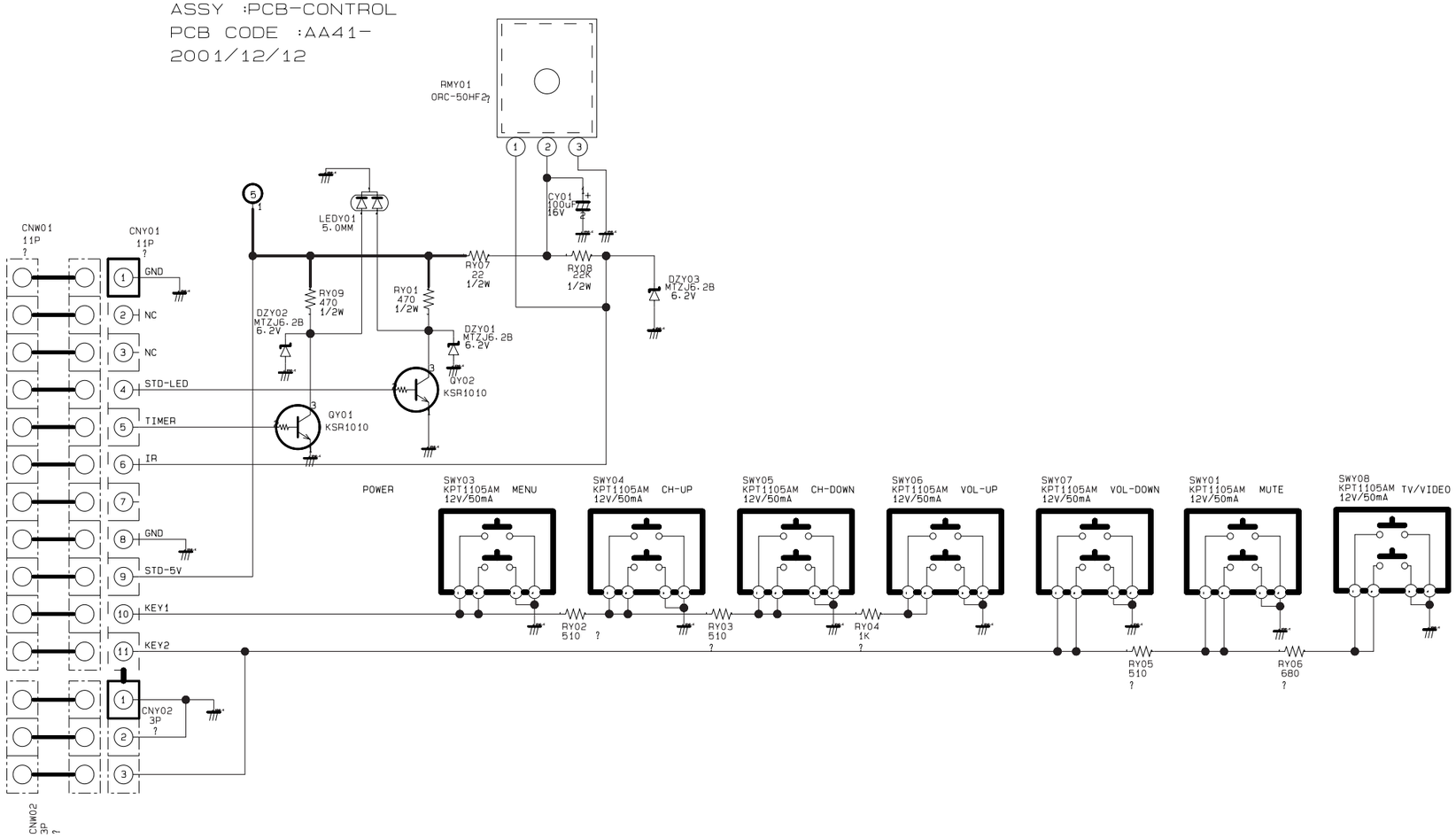
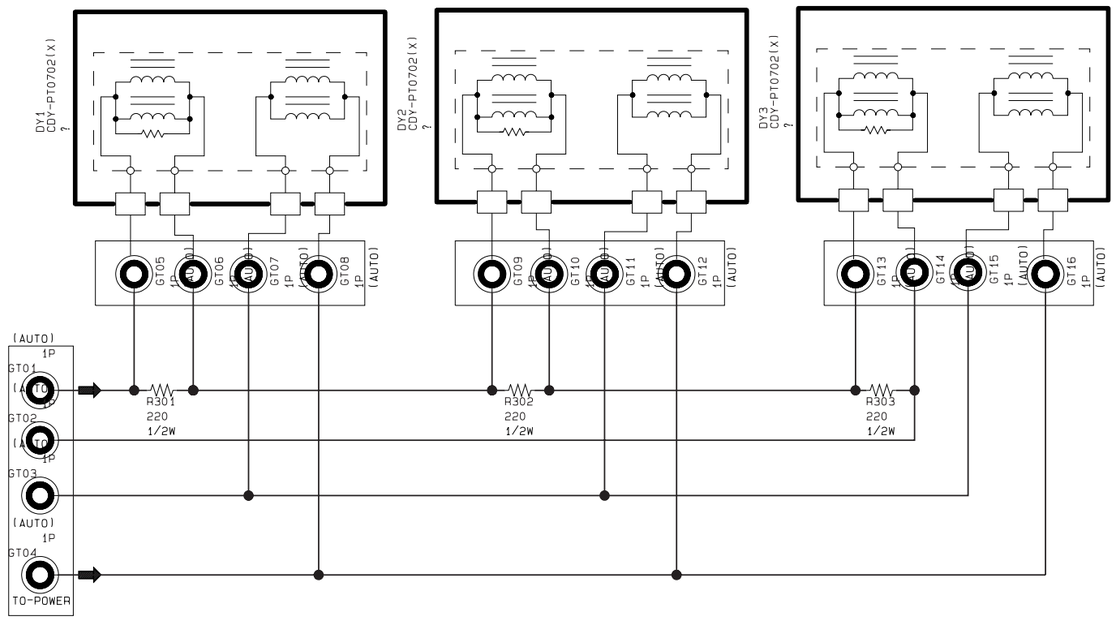
CHASSIS :W3
MODEL : P54A, P56A, J52A, J53A ALL MODEL
ASSY :PCB-CONTROL
PCB CODE :AA41-
2001/12/12



TITLE	P54A, P56A, J52A, J53A ALL MODEL					
SAMSUNG	Doc. CODE	Y. I. KAH	Rev. No		SHEET NO	/

10-17 DY JACK, SENSOR

DY JACK



SENSOR